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# Metropolitan Housing Characteristics

## WHEELING, W.VA.-OHIO

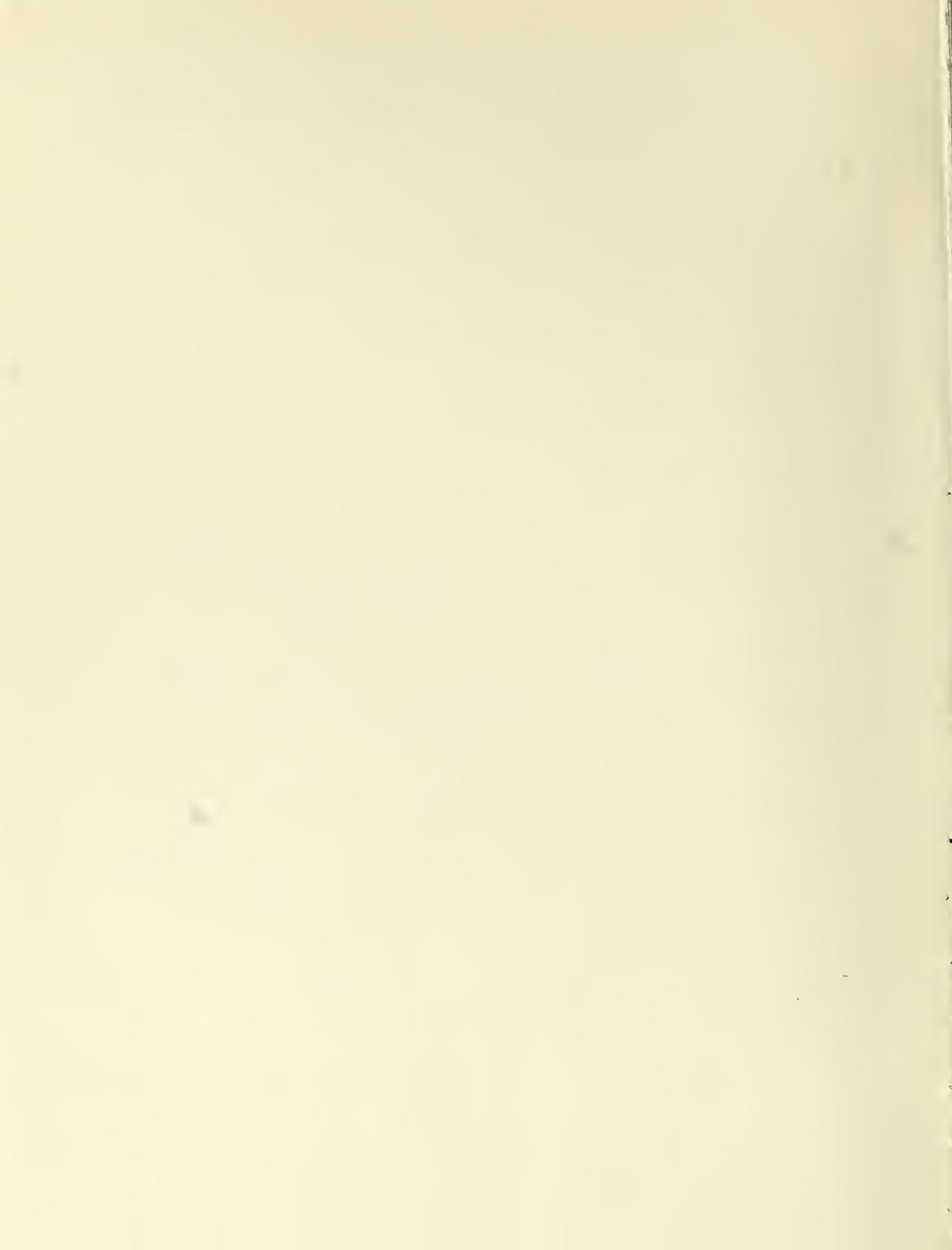
STANDARD METROPOLITAN STATISTICAL AREA

# 1980

## Census of Housing

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# 1980

## Census of Housing

VOLUME 2

# Metropolitan Housing Characteristics

**WHEELING, W.VA.-OHIO**

HC80-2-370

Issued November 1983



**U.S. Department of Commerce**  
Malcolm Baldrige, Secretary  
Robert G. Dederick,  
Under Secretary for  
Economic Affairs

**BUREAU OF THE CENSUS**  
C. L. Kincannon, Acting Director

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BUREAU OF THE CENSUS  
C. L. Kincannon, Acting Director

HOUSING DIVISION  
Arthur F. Young, Chief

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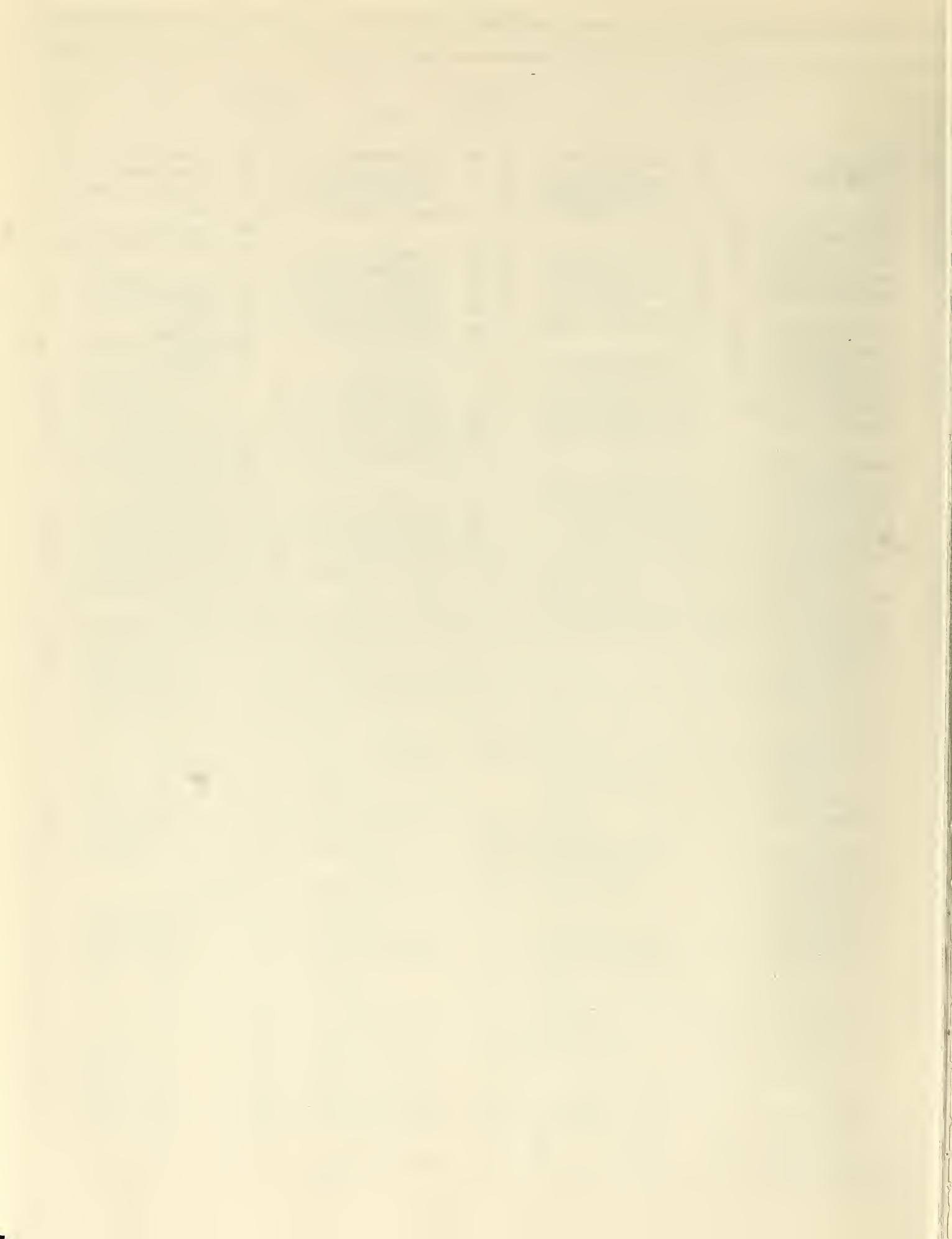
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9	Delaware	49	Washington	85	Battle Creek, Mich.	120	Chico, Calif.
10	Not assigned	50	West Virginia	86	Bay City, Mich.	121	Cincinnati, Ohio-Ky.-Ind.
11	Florida	51	Wisconsin	87	Beaumont-Port Arthur-Orange, Tex.	122	Clarksville-Hopkinsville, Tenn.-Ky.
12	Georgia	52	Wyoming	88	Bellingham, Wash.	123	Cleveland, Ohio
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	124	Colorado Springs, Colo.
14	Idaho	54	Not assigned	90	Billings, Mont.	125	Columbia, Mo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	126	Columbia, S.C.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	127	Columbus, Ga.-Ala.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	128	Columbus, Ohio
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	129	Corpus Christi, Tex.
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	130	Cumberland, Md.-W. Va.
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32	New Jersey	71	Ann Arbor, Mich.	108	Burlington, Vt.		
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34	New York	73	Appleton-Oshkosh, Wis.	110	Canton, Ohio	142	Duluth-Superior, Minn.-Wis.
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36	North Dakota	75	Asheville, N.C.	112	Cedar Rapids, Iowa	144	El Paso, Tex.
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150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.	267	Norwalk, Conn.
		190	Jackson, Miss.	230	Lynchburg, Va.	268	Ocala, Fla.
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157	Florence, Ala.	197	Joplin, Mo.	237	Medford, Oreg.	274	Owensboro, Ky.
158	Florence, S.C.	198	Kalamazoo-Portage, Mich.	238	Melbourne-Titusville-Cocoa, Fla.	275	Oxnard-Simi Valley-Ventura, Calif.
159	Fort Collins, Colo.	199	Kankakee, Ill.			276	Panama City, Fla.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.-Miss.	277	Parkersburg-Marietta, W. Va.-Ohio
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	278	Pascagoula-Moss Point, Miss.
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.			279	Paterson-Clifton-Passaic, N.J.
163	Fort Walton Beach, Fla.	203	Knoxville, Tenn.	241	Miami, Fla.	280	Pensacola, Fla.
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		206	Lafayette, La.	244	Minneapolis-St. Paul, Minn.-Wis.	282	Petersburg-Colonial Heights-Hopewell, Va.
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174	Greeley, Colo.	215	Lawrence, Kans.	253	Nassau-Suffolk, N.Y.	291	Portsmouth-Dover-Rochester, N.H.-Maine
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176	Greensboro-Winston-Salem-High Point, N.C.	217	Lawton, Okla.	255	New Britain, Conn.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	294	Provo-Orem, Utah
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	295	Pueblo, Colo.
179	Hamilton-Middletown, Ohio	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	296	Racine, Wis.
180	Harrisburg, Pa.	221	Lincoln, Nebr.	259	New Orleans, La.	297	Raleigh-Durham, N.C.
		222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	298	Reading, Pa.
181	Hartford, Conn.	223	Long Branch-Asbury Park, N.J.	261	Newark, N.J.	299	Redding, Calif.
182	Hickory, N.C.			262	Newark, Ohio	300	Reno, Nev.
183	Honolulu, Hawaii	224	Longview-Marshall, Tex.	263	Newburgh-Middletown, N.Y.	301	Richland-Kennewick-Pasco, Wash.
184	Houston, Tex.	225	Lorain-Elyria, Ohio	264	Newport News-Hampton, Va.	302	Richmond, Va.
185	Huntington-Ashland, W. Va.-Ky.-Ohio					303	Riverside-San Bernardino-Ontario, Calif.
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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
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## Introduction

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### GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

### CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

### DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., “—”).

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category “3 rooms” is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as “no cash rent” are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category “Less than \$10,000,” it is shown as “\$10,000—.” When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category “\$150,000 or more,” it is shown as “\$150,000+.”

### SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash “—” represents zero or a percent which rounds to less than 0.1.
- Three dots “...” mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on “Suppression of Data for Confidentiality.”)
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

### SUPPRESSION OF DATA FOR CONFIDENTIALITY

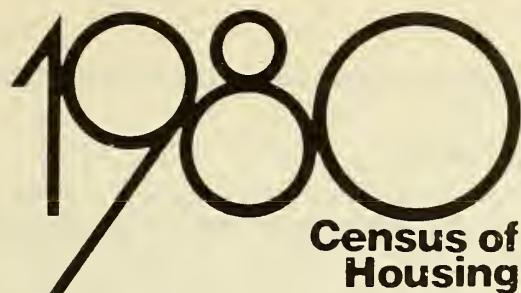
To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.



# Metropolitan Housing Characteristics

## WHEELING, W.VA.-OHIO

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-370

### Contents

#### Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
<b>Index of Tables</b> —shows the pages on which the tables for each geographic area appear and the pages on which data for the various race/Spanish origin householders appear . . . . .	IX
<b>List of Tables</b> —shows the table numbers and titles for each of the 68 tables . . . . .	X
<b>Table Finding Guide</b> —shows the tables in which the various subject cross-classifications presented in the report appear . . . . .	XII
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

Area	Prefix letter	Tables 1-13 Total	Tables 14-24 White	Tables 25-35 Black	Tables 36-46 American Indian, Eskimo, and Aleut	Tables 47-57 Asian and Pacific Islander	Tables 58-68 Spanish Origin
SMSA total . . . . .	A	Pages 1 to 12 13 to 24	Pages	Pages	Pages	Pages	Pages
Wheeling . . . . .	B	—	—	—	—	—	—

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(Tables 14 to 24 for the White population are shown if any of the other three racial groups in the area qualify; tables 25 to 35 are shown if an area has 10,000 or more or 10 percent Black population; tables 36 to 46 are shown if an area has 10,000 or more or 10 percent American Indian, Eskimo, and Aleut population; tables 47 to 57 are shown if an area has 10,000 or more or 10 percent Asian and Pacific Islander population; and tables 58 to 68 are shown if an area has 10,000 or more or 10 percent Spanish origin population)

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## Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium . . . . .	—	—	—	—	—	—
Year moved into unit . . . . .	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms . . . . .	1	2	—	—	5	6
Persons in unit . . . . .	—	—	—	—	5	6
Bedrooms . . . . .	1	2	—	—	—	—
Median rooms . . . . .	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure . . . . .	—	2	—	—	—	—
Year structure built . . . . .	1	2	—	—	5	6
Stories in structure . . . . .	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities . . . . .	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment . . . . .	1	2	3	4	5	6
Air conditioning . . . . .	1	2	3	4	5	6
Vehicles available . . . . .	—	—	3	4	—	—
House heating fuel . . . . .	—	—	3	4	5	6
Water heating fuel . . . . .	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value . . . . .	—	—	—	—	5	6
Price asked . . . . .	—	—	—	—	—	—
Mortgage status and selected monthly owner costs . . . . .	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	—	—	5	6
Contract rent . . . . .	—	—	—	4	—	—
Gross rent . . . . .	—	—	—	4	—	—
Rent asked . . . . .	—	—	—	—	—	—
Gross rent as percentage of household income . . . . .	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder . . . . .	1	2	3	4	5	6
Income . . . . .	1	—	—	—	—	—
Income below poverty level . . . . .	1	2	—	—	—	—
The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.						
White . . . . .	14	15	16	17	18	19
Black . . . . .	25	26	27	28	29	30
American Indian, Eskimo, and Aleut . . . . .	36	37	38	39	40	41
Asian and Pacific Islander . . . . .	47	48	49	50	51	52
Spanish origin . . . . .	58	59	60	61	62	63

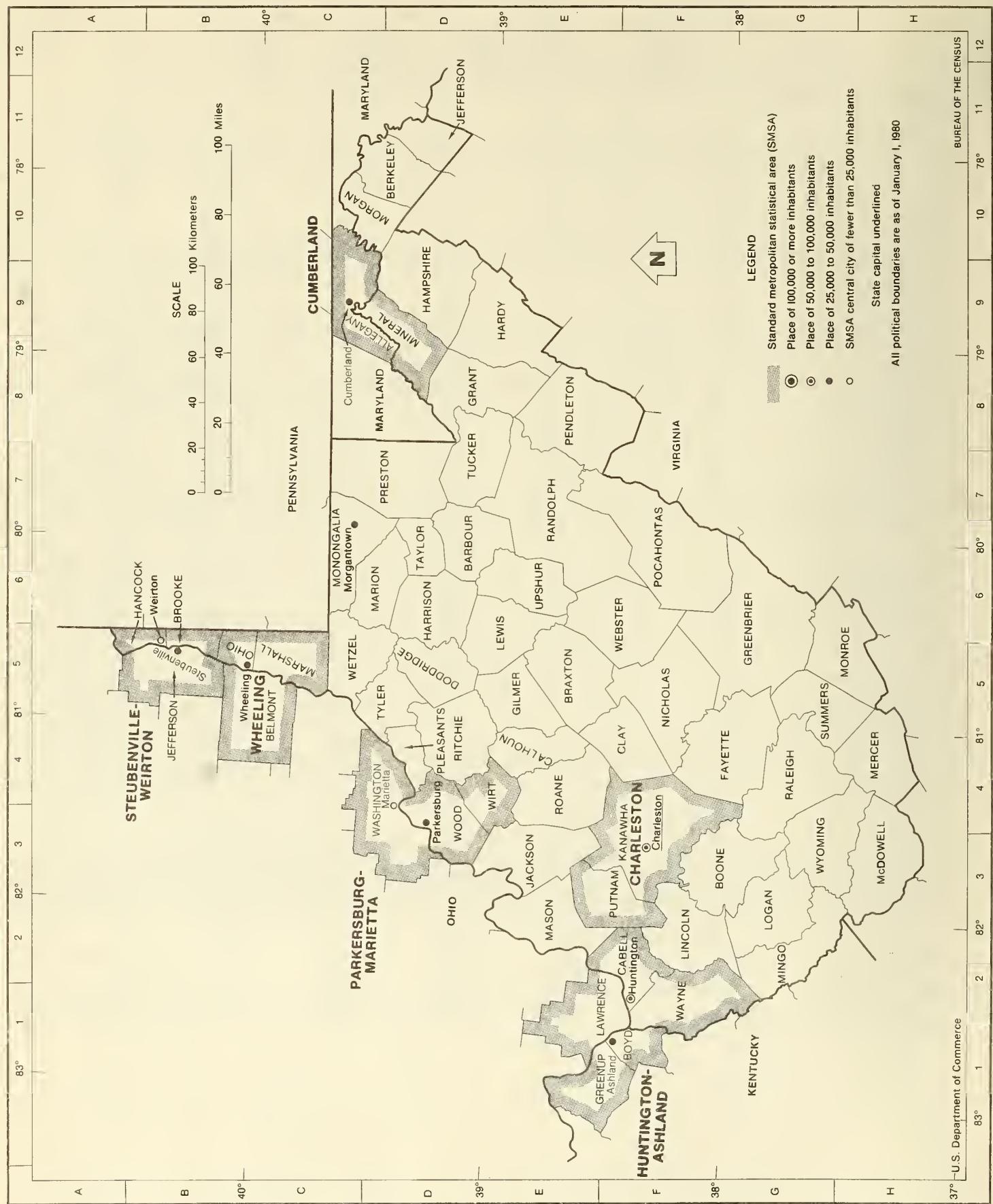
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium . . . . .	—	8	—	—	—	—	—
Year moved into unit . . . . .	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms . . . . .	7	8	9	—	—	12	—
Persons in unit . . . . .	7	—	—	10	—	—	—
Bedrooms . . . . .	—	8	—	—	—	12	13
Median rooms . . . . .	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure . . . . .	7	—	9	—	11	12	13
Year structure built . . . . .	—	—	—	—	—	12	13
Stories in structure . . . . .	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities . . . . .	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment . . . . .	7	8	—	—	—	12	—
Air conditioning . . . . .	7	8	—	—	—	—	—
Vehicles available . . . . .	—	8	—	—	—	—	—
House heating fuel . . . . .	7	8	—	—	—	—	—
Water heating fuel . . . . .	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value . . . . .	—	—	9	—	—	—	—
Price asked . . . . .	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs . . . . .	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income . . . . .	—	—	9	—	11	—	—
Contract rent . . . . .	—	—	—	—	—	—	—
Gross rent . . . . .	—	—	9	—	11	—	—
Rent asked . . . . .	—	—	—	—	—	12	—
Gross rent as percentage of household income . . . . .	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income . . . . .	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder . . . . .	7	8	—	—	—	—	—
Income . . . . .	7	8	9	—	11	—	—
Income below poverty level . . . . .	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White . . . . .	20	21	22	23	24	—	—
Black . . . . .	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut . . . . .	42	43	44	45	46	—	—
Asian and Pacific Islander . . . . .	53	54	55	56	57	—	—
Spanish origin . . . . .	64	65	66	67	68	—	—

# Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

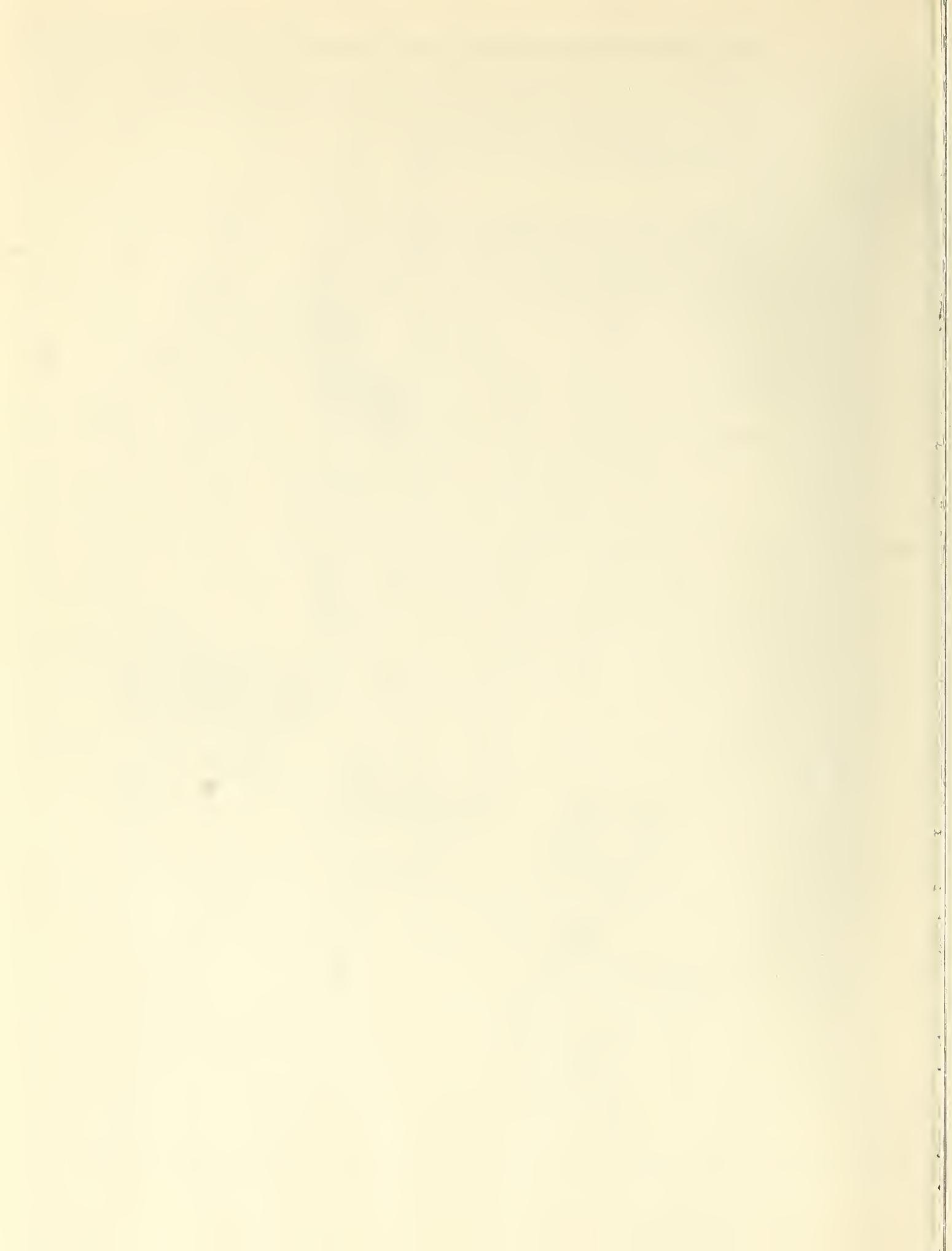


Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	37 843	1 615	4 742	6 798	6 712	6 235	4 660	4 675	1 481	738	187	38 600	42 200
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	27 705	942	2 601	4 494	4 880	4 777	3 889	4 002	1 288	670	162	41 800	45 300
15 to 24 years	699	39	58	139	130	175	89	51	18	—	—	38 900	38 400
25 to 34 years	5 984	84	138	838	1 068	1 217	986	971	263	107	12	44 300	46 800
35 to 44 years	5 124	184	176	737	759	871	796	855	379	184	43	46 500	49 900
45 to 64 years	10 990	316	1 015	1 745	1 989	1 864	1 485	1 660	507	313	96	42 200	46 400
65 years and over	4 908	319	774	1 035	934	650	533	465	121	66	11	33 300	37 000
Male householder, no wife present	2 745	201	603	607	412	394	212	203	78	33	2	28 100	34 200
15 to 24 years	101	11	24	22	9	20	6	9	—	—	—	25 700	31 400
25 to 34 years	365	10	83	70	59	57	38	18	30	—	—	33 600	37 300
35 to 44 years	274	25	30	50	32	42	25	40	6	24	—	40 000	43 900
45 to 64 years	999	62	221	279	157	126	58	60	27	9	—	26 700	32 800
65 years and over	1 006	93	245	186	155	149	85	76	15	—	2	27 400	32 100
Female householder, no husband present	7 393	472	1 538	1 697	1 420	1 064	559	470	115	35	23	29 900	33 400
15 to 24 years	17	—	—	2	14	—	1	—	—	—	—	35 800	35 900
25 to 34 years	344	24	62	67	49	59	36	31	14	—	2	33 100	37 200
35 to 44 years	476	22	37	58	91	111	37	78	25	11	6	41 700	45 900
45 to 64 years	2 454	129	495	556	472	387	192	166	43	14	—	31 000	33 900
65 years and over	4 102	297	944	1 014	794	507	293	195	33	10	15	27 100	31 300
Median age	53.3	62.1	61.0	57.3	54.3	49.9	49.6	48.4	45.2	47.8	48.7	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	2 689	108	248	412	371	424	414	430	176	82	24	44 600	48 700
1975 to 1978	7 218	208	667	1 011	1 207	1 386	1 055	1 055	405	198	26	43 200	46 500
1970 to 1974	6 334	180	590	1 065	1 002	1 044	895	966	351	184	57	43 300	46 900
1960 to 1969	8 449	375	894	1 331	1 547	1 449	1 078	1 198	364	160	53	40 500	43 700
1959 or earlier	13 153	744	2 343	2 979	2 585	1 932	1 218	1 026	185	114	27	31 800	35 200
<b>ROOMS</b>													
1 to 3 rooms	553	122	186	180	33	—	21	11	—	—	—	18 500	20 000
4 rooms	4 183	543	1 134	1 107	699	385	196	77	42	—	—	22 600	25 900
5 rooms	10 431	510	1 428	2 230	2 277	2 056	1 052	756	104	7	11	34 400	35 700
6 rooms	12 203	280	1 355	2 134	2 491	2 243	1 788	1 527	302	81	2	39 300	41 100
7 rooms	5 725	121	343	764	705	1 017	1 043	1 186	383	141	22	49 000	50 300
8 or more rooms	4 748	39	296	383	507	534	560	1 118	650	509	152	60 900	66 200
Median	5.8	4.8	5.2	5.4	5.6	5.8	6.1	6.5	7.3	8.1	8.5+	...	...
<b>BEDROOMS</b>													
None	47	21	12	9	—	—	5	—	—	—	—	13 100	17 900
1	1 431	255	404	465	145	89	34	30	9	—	—	20 600	22 800
2	10 939	767	2 218	2 740	2 228	1 531	768	486	156	34	11	28 600	31 700
3	20 139	505	1 751	2 947	3 576	3 850	3 249	3 108	795	304	54	43 200	45 100
4	4 500	54	297	573	675	667	530	883	448	319	54	49 800	55 800
5 or more	787	13	60	64	88	8	74	168	73	81	68	59 200	70 800
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	2 901	33	67	256	286	485	557	755	278	159	25	55 400	59 200
1970 to 1974	2 459	53	62	165	284	382	519	575	284	107	28	54 900	58 700
1960 to 1969	4 590	68	218	331	632	768	930	1 072	406	137	28	52 400	54 300
1950 to 1959	5 351	76	299	714	851	1 189	896	981	217	106	22	46 100	48 300
1940 to 1949	3 354	110	428	668	637	711	397	265	56	48	34	37 700	40 200
1939 or earlier	19 188	1 275	3 668	4 664	4 022	2 700	1 361	1 027	240	181	50	30 000	33 200
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	3 639	493	1 004	820	555	349	215	133	51	7	12	22 800	27 900
\$5,000 to \$9,999	5 155	388	1 006	1 317	1 061	693	414	216	44	15	1	28 500	31 200
\$10,000 to \$12,499	2 369	142	509	498	512	300	200	124	51	31	2	30 700	33 800
\$12,500 to \$14,999	2 368	100	297	544	516	416	208	202	48	28	9	34 400	37 700
\$15,000 to \$19,999	5 765	231	816	1 152	1 090	1 072	706	552	81	65	—	36 400	38 100
\$20,000 to \$24,999	6 044	143	522	1 025	1 106	1 274	934	789	191	54	6	41 600	42 800
\$25,000 to \$34,999	8 024	110	388	1 030	1 360	1 463	1 362	1 639	506	140	26	47 600	49 800
\$35,000 to \$49,999	3 246	4	151	355	429	557	447	778	333	179	13	52 500	56 600
\$50,000 or more	1 233	4	49	57	83	111	174	242	176	219	118	72 500	82 800
Median	\$19 679	\$8 807	\$11 773	\$15 924	\$18 183	\$20 997	\$22 910	\$26 671	\$29 792	\$36 659	\$56 256	...	...
Mean	\$20 961	\$11 161	\$13 946	\$17 044	\$19 048	\$21 529	\$23 514	\$27 756	\$31 741	\$44 062	\$65 638	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	17 209	348	1 316	2 480	2 829	3 316	2 532	2 796	971	485	136	44 700	48 300
Less than 15 percent	6 957	176	514	1 096	1 207	1 449	913	998	422	149	33	43 300	46 500
15 to 19 percent	3 938	41	296	552	613	710	683	718	103	44	46 400	49 300	
20 to 24 percent	2 537	39	181	271	368	463	435	522	80	44	48 900	52 500	
25 to 29 percent	1 508	18	73	165	249	317	249	270	124	43	—	47 900	51 300
30 to 34 percent	559	19	50	75	74	120	69	84	28	35	5	44 700	49 900
35 percent or more	1 637	55	200	308	295	237	183	193	85	75	6	38 700	44 200
Not computed	73	—	2	13	23	20	—	11	—	—	4	39 200	48 800
Median	17.0	14.9	17.4	16.2	16.6	16.4	17.6	17.7	16.8	19.5	18.8	...	...
Not mortgaged	20 634	1 267	3 426	4 318	3 883	2 919	2 128	1 879	510	253	51	33 200	37 000
Less than 10 percent	11 323	459	1 391	2 103	2 270	1 795	1 344	1 380	379	175	27	37 400	41 000
10 to 14 percent	3 544	226	588	925	670	422	360	236	55	41	21	30 500	35 300
15 to 19 percent	2 035	166	459	421	399	283	164	100	23	20	—	29 100	32 300
20 to 24 percent	1 233	99	275	292	217	190	90	52	6	12	—	27 600	31 000
25 to 29 percent	744	68	228	204	87	72	34	39	10	2	—	23 000	28 200
30 to 34 percent	390	68	78	67	48	49	51	24	5	—	—	25 100	30 400
35 percent or more	1 263	175	388	288	168	92	73	42	32	2	3	21 800	27 200
Not computed	102	6	19	18	24	16	12	6	—	1	—	35 600	35 000
Median	10—	13.8	12.7	10.3	10—	10—	10—	10—	10—	10—	10—	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	37 305	1 352	4 574	6 707	6 712	6 221	4 658	4 675	1 481	738	187	38 900	42 600
1,01 or more persons per room	683	59	143	166	119	91	41	51	7	6	—	27 700	32 100
Lacking complete plumbing for exclusive use	538	263	168	91	—	14	2	—	—	—	—	10 400	13 700
1,01 or more persons per room	30	12	11	7	—	—	—	—	—	—	—	13 800	14 600
Heating equipment	37 821	1 605	4 742	6 798	6 700	6 235	4 660	4 675	1 481	738	187	38 600	42 200
Central heating system	34 046	882	3 681	5 928	6 210	5 895	4 496	4 591	1 465	719	179	40 500	44 100
Air conditioning	16 104	293	1 148	2 245	2 983	2 947	2 358	2 529	916	546	139	44 200	49 000
Income in 1977 below poverty level	2 772	467	712	609	409	267	142	92	50	12	12	22 200	27 700
Percent below poverty level	7.3	28.9	15.0	9.0	6.1	4.3	3.0	2.0	3.4	1.6	6.4		

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA		Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units													
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER		17 977	2 636	2 815	3 496	3 240	2 404	1 130	458	287	147	1 364	189
Married-couple families		7 222	254	922	1 521	1 505	1 208	623	227	206	99	657	222
15 to 24 years		1 393	14	141	314	361	327	151	13	17	—	55	229
25 to 34 years		2 465	50	243	482	563	476	244	118	83	27	179	234
35 to 44 years		912	13	103	174	168	121	117	58	47	33	78	240
45 to 64 years		1 476	58	224	321	282	176	97	26	46	32	214	206
65 years and over		976	119	211	230	131	108	14	12	13	7	131	168
Male householder, no wife present		3 423	467	659	688	569	488	203	80	46	24	199	184
15 to 24 years		655	42	108	151	152	97	43	20	20	15	7	206
25 to 34 years		971	29	119	197	247	223	87	23	13	2	31	224
35 to 44 years		456	43	84	114	40	90	43	15	5	—	22	185
45 to 64 years		663	123	157	135	76	58	30	9	8	7	60	159
65 years and over		678	230	191	91	54	20	—	13	—	—	79	120
Female householder, no husband present		7 332	1 915	1 234	1 287	1 166	708	304	151	35	24	508	161
15 to 24 years		854	118	117	212	195	113	51	17	—	—	31	192
25 to 34 years		1 317	115	146	269	363	244	97	31	7	—	45	218
35 to 44 years		654	98	112	94	120	93	46	41	10	4	36	202
45 to 64 years		1 688	358	399	345	185	162	51	42	6	5	135	153
65 years and over		2 819	1 226	460	367	303	96	59	20	12	15	261	106
Median age		41.0	69.1	53.1	37.5	32.5	30.8	31.4	35.5	35.3	43.1	56.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980		6 814	611	680	1 237	1 455	1 335	692	313	180	95	216	228
1975 to 1978		5 811	792	954	1 385	1 095	792	351	95	89	22	236	186
1970 to 1974		2 445	706	513	456	353	120	56	30	1	4	206	137
1960 to 1969		1 559	289	364	268	201	117	14	11	5	20	270	149
1959 or earlier		1 348	238	304	150	136	40	17	9	12	6	436	139
ROOMS													
1 room		759	464	170	45	31	6	—	—	19	7	17	88
2 rooms		1 295	489	278	262	151	50	18	8	—	—	39	119
3 rooms		3 847	933	768	864	668	322	74	32	4	—	182	157
4 rooms		5 411	394	882	1 205	1 044	918	429	111	40	15	373	202
5 rooms		3 676	260	496	769	702	633	325	166	39	25	261	217
6 rooms		1 980	65	153	267	484	391	207	84	98	12	219	243
7 or more rooms		1 009	31	68	84	160	84	77	57	87	88	273	266
Median		4.1	2.9	3.7	4.0	4.2	4.4	4.6	5.0	5.9	7.0	4.8	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979													
All income levels in 1979		17 977	2 636	2 815	3 496	3 240	2 404	1 130	458	287	147	1 364	189
Complete plumbing for exclusive use		17 176	2 355	2 615	3 380	3 190	2 376	1 126	458	280	147	1 249	193
0.50 or less		10 477	1 606	1 679	1 941	1 884	1 405	641	191	138	98	894	187
0.51 to 1.00		6 178	717	874	1 342	1 187	889	444	240	123	49	313	200
1.01 to 1.50		461	32	62	84	79	82	39	27	19	—	37	220
1.51 or more		60	—	—	13	40	—	2	—	—	—	5	209
Locking complete plumbing for exclusive use		801	281	200	116	50	28	4	—	7	—	115	110
0.50 or less		376	113	78	74	37	10	2	—	—	—	62	128
0.51 to 1.00		388	168	106	40	13	13	2	—	7	—	39	102
1.01 to 1.50		24	—	10	2	—	5	—	—	—	—	7	113
1.51 or more		13	—	6	—	—	—	—	—	—	—	7	135
Income in 1979 below poverty level		4 206	1 409	644	714	572	339	135	45	48	11	289	140
Complete plumbing for exclusive use		3 813	1 243	568	662	553	328	133	45	41	11	229	148
1 or more persons per room		183	25	32	15	41	39	7	6	5	—	13	212
Locking complete plumbing for exclusive use		393	166	76	52	19	11	2	—	7	—	60	100
1 or more persons per room		18	—	6	—	—	5	—	—	—	—	7	139
BEDROOMS													
None		873	488	194	84	49	6	6	—	19	7	20	92
1		6 378	1 486	1 341	1 443	1 103	572	118	50	11	—	254	160
2		6 960	437	912	1 396	1 375	1 265	684	221	61	34	575	218
3		3 167	187	315	502	636	502	275	160	163	56	371	236
4		478	38	45	64	62	47	39	27	28	28	100	235
5 or more		121	—	8	7	15	12	8	—	5	22	44	285
UNITS IN STRUCTURE													
1, detached or attached		5 648	297	743	969	1 087	781	370	208	155	93	945	221
2		4 042	228	753	1 082	863	588	168	98	17	14	231	191
3 and 4		2 583	272	430	672	516	365	202	37	58	—	31	193
5 to 9		1 896	404	361	393	330	208	144	29	9	2	16	173
10 to 49		1 637	465	186	193	189	251	179	57	36	31	50	190
50 or more		1 513	951	272	92	109	37	7	17	5	7	16	88
Mobile home or trailer, etc.		658	19	70	95	146	174	60	12	7	—	75	239
YEAR STRUCTURE BUILT													
1975 to March 1980		1 694	401	179	211	218	258	223	56	41	40	67	204
1970 to 1974		1 732	631	225	148	256	214	97	64	37	12	48	144
1960 to 1969		1 641	445	191	201	192	270	141	33	18	24	126	179
1950 to 1959		1 141	130	156	170	255	182	76	34	30	17	91	214
1940 to 1949		2 144	244	251	537	470	330	117	49	30	5	111	199
1939 or earlier		9 625	785	1 813	2 229	1 849	1 150	476	222	131	49	921	189
STORIES IN STRUCTURE													
1 to 3		16 119	1 585	2 470	3 314	3 086	2 342	1 093	448	282	147	1 352	200
4 or more		1 858	1 051	345	182	154	62	37	10	5	—	12	93
With elevator		1 543	1 023	253	90	114	37	2	7	5	—	12	86
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent		4 171	638	922	1 179	683	469	211	35	18	16	—	172
15 to 19 percent		2 841	448	435	526	586	496	227	55	44	24	—	201
20 to 24 percent		2 463	528	342	384	521	393	153	70	49	23	—	194
25 to 29 percent		1 488	381	243	258	276	146	93	61	16	14	—	174
30 to 34 percent		1 125	168	190	178	224	178	93	39	32	23	—	208
35 to 49 percent		1 836	251	360	303	350	288	130	81	49	24	—	201
50 percent or more		2 435	147	288	616	562	421	189	117	74	21	—	212
Not computed		1 618	75	35	52	38	13	34	—	5	2	1 364	166
Median		22.4	21.8	20.5	20.2	23.2	22.9	23.6	31.0	32.2	28.4	—	...
SELECTED CHARACTERISTICS													
Heating equipment		17 939	2 621	2 797	3 496	3 240	2 399	1 130	458	287	147	1 364	190
Central heating system		13 800	2 091	1 724	2 381	2 647	2 090	1 005	415	276	147	1 024	204
Air conditioning		6 248	997	729	1 021	1 208	897	551	204	83	88	470	206
Central system		1 457	224	106	138	154	267	258	106	48	71	85	265

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

## The SMSA

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	48 401	4 817	6 898	3 254	3 097	7 637	7 503	9 702	3 916	1 577	19 005	20 698	3 772
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	35 124	1 129	3 272	1 962	2 265	6 086	6 566	8 818	3 576	1 450	21 935	23 918	1 278
15 to 24 years	1 245	47	133	73	114	430	261	174	13	—	18 335	17 947	62
25 to 34 years	7 559	116	242	321	287	1 854	1 984	2 224	460	71	22 171	22 857	201
35 to 44 years	6 451	119	289	208	311	1 056	1 262	2 144	792	270	24 916	26 143	277
45 to 64 years	13 654	305	637	582	895	1 833	2 579	3 770	2 076	977	24 991	27 913	362
65 years and over	6 215	542	1 971	778	658	913	480	235	132	11 910	15 317	376	
Male householder, no wife present	3 850	556	778	393	243	647	501	464	180	88	14 537	16 711	388
15 to 24 years	168	7	33	11	16	41	21	33	—	6	16 371	17 747	7
25 to 34 years	555	37	36	51	64	138	134	42	47	6	17 283	18 552	37
35 to 44 years	408	23	10	25	26	84	73	135	25	7	21 875	21 960	16
45 to 64 years	1 358	139	253	141	75	259	199	188	75	29	16 277	17 745	120
65 years and over	1 361	350	446	165	62	125	74	66	33	40	8 331	13 227	208
Female householder, no husband present	9 427	3 132	2 848	899	589	904	436	420	160	39	7 442	10 331	2 106
15 to 24 years	52	30	15	3	—	—	4	—	—	—	4 412	6 838	24
25 to 34 years	512	66	195	50	35	96	35	30	5	—	9 885	12 136	132
35 to 44 years	627	107	166	46	80	119	51	7	—	12 201	12 924	154	
45 to 64 years	3 124	827	824	393	227	381	185	185	79	23	9 470	11 748	682
65 years and over	5 112	2 102	1 648	407	247	308	165	150	69	16	6 097	9 003	1 114
Median age	53.0	68.5	67.6	61.2	57.3	45.0	44.4	45.1	49.5	53.8	...	...	62.8
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	3 872	257	337	215	263	818	784	839	259	100	20 263	21 398	299
1975 to 1978	9 881	538	914	603	496	2 002	1 989	2 338	771	230	20 913	21 786	628
1970 to 1974	8 301	526	874	496	520	1 556	1 415	1 954	668	292	20 546	22 256	505
1960 to 1969	10 050	795	1 183	579	1 254	1 635	2 450	1 095	423	21 458	23 276	725	
1959 or earlier	16 297	2 701	3 590	1 361	1 182	2 007	1 680	2 121	1 123	532	13 550	17 490	1 615
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	47 438	4 533	6 607	3 198	3 052	7 503	7 431	9 638	3 901	1 575	19 211	20 890	3 508
1.01 or more persons per room	940	38	53	87	31	170	187	249	103	22	22 230	23 664	110
Lacking complete plumbing for exclusive use	963	284	291	56	45	134	72	64	15	2	8 294	11 234	264
1.01 or more persons per room	67	14	17	—	11	7	2	14	2	—	13 068	14 055	31
Heating equipment	48 373	4 811	6 888	3 254	3 097	7 637	7 499	9 694	3 916	1 577	19 007	20 702	3 766
Central heating system	42 772	3 655	5 732	2 749	2 671	6 721	6 909	9 062	3 733	1 540	19 893	21 515	2 797
Air conditioning	19 957	1 012	2 109	1 051	1 189	3 055	3 503	4 791	2 233	1 014	21 923	24 304	805
Vehicles available	43 637	2 523	5 206	2 900	2 999	7 459	7 427	9 642	3 906	1 575	20 434	22 236	2 328
1 or more	15 644	1 924	3 713	1 732	1 591	2 813	1 964	1 390	344	173	13 212	15 005	1 518
2 or more	27 993	599	1 493	1 168	1 408	4 646	5 463	8 252	3 562	1 402	24 223	26 276	810
House heating fuel	48 373	4 811	6 888	3 254	3 097	7 637	7 499	9 694	3 916	1 577	19 007	20 702	3 766
Utility gas	30 683	3 287	4 841	2 160	2 062	4 326	4 539	5 654	2 663	1 151	18 399	20 626	2 414
Bottled, tank, or LP gas	494	63	90	24	33	112	83	62	19	8	17 685	17 575	56
Electricity	8 163	459	547	446	400	1 589	1 549	2 247	704	222	21 932	23 070	479
Fuel oil, kerosene, etc.	6 906	673	1 003	449	439	1 246	1 054	1 414	445	183	18 482	19 926	521
Other	2 127	329	407	175	163	364	274	317	85	13	14 839	15 947	296
Median rooms	5.7	5.1	5.3	5.4	5.6	5.5	5.8	6.0	6.4	7.2	...	...	5.1
Specified owner-occupied housing units	37 843	3 639	5 155	2 369	2 368	5 765	6 044	8 024	3 246	1 233	19 679	20 961	2 772
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
With a mortgage	17 209	666	956	696	857	3 146	3 514	4 924	1 842	608	22 988	24 504	772
Less than \$200	2 888	289	288	180	227	550	526	586	221	21	19 066	19 664	269
\$200 to \$249	2 941	86	195	214	184	622	623	727	239	51	21 066	22 162	120
\$250 to \$299	2 989	101	169	136	166	645	678	761	258	75	22 072	23 036	138
\$300 to \$349	2 502	74	121	62	118	416	571	782	292	66	23 817	24 661	101
\$350 to \$399	1 785	58	83	37	62	396	334	593	187	35	23 565	24 032	61
\$400 to \$449	2 350	43	71	48	57	339	560	844	286	102	25 294	27 333	63
\$500 to \$599	896	3	12	6	27	115	167	384	109	73	27 803	31 370	3
\$600 to \$749	567	2	12	7	16	55	53	196	161	65	31 040	35 607	2
\$750 or more	291	10	5	6	—	8	2	51	89	120	41 375	47 215	15
Median	296	\$226	\$249	\$239	\$255	\$281	\$295	\$325	\$335	\$460	...	...	\$249
Not mortgaged	20 634	2 973	4 199	1 673	1 511	2 619	2 530	3 100	1 404	625	14 935	18 007	2 000
Less than \$50	422	217	110	12	8	25	22	17	9	2	4 884	8 557	161
\$50 to \$74	2 784	764	810	258	210	319	215	147	57	4	8 673	11 165	502
\$75 to \$99	5 848	916	1 521	527	512	771	587	703	210	101	12 310	15 249	545
\$100 to \$124	5 390	564	1 075	419	384	653	858	936	389	112	16 687	18 445	400
\$125 to \$149	3 307	260	424	273	194	467	483	736	351	119	20 316	21 558	190
\$150 to \$199	2 240	208	213	144	166	310	287	430	316	166	21 250	24 955	169
\$200 to \$249	478	34	24	29	22	52	67	108	62	80	25 687	31 155	25
\$250 or more	165	10	22	11	15	22	11	23	10	41	20 893	37 467	8
Median	\$106	\$89	\$94	\$102	\$102	\$107	\$113	\$118	\$128	\$145	...	...	\$90
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	17 209	666	956	696	857	3 146	3 514	4 924	1 842	608	22 988	24 504	772
Less than 15 percent	6 957	—	55	28	115	695	1 451	2 720	1 414	479	28 485	31 414	19
15 to 19 percent	3 938	12	11	85	172	935	999	1 377	254	93	23 582	24 727	4
20 to 24 percent	2 537	7	91	191	251	685	576	578	122	36	20 326	21 776	30
25 to 29 percent	1 508	13	108	160	147	488	370	175	47	—	18 284	18 711	25
30 to 34 percent	559	31	103	91	49	152	81	47	5	—	15 114	15 015	37
35 percent or more	1 637	530	588	141	123	191	37	27	—	—	7 153	8 503	584
Not computed	73	—	73	—	—	—	—	—	—	—	—	—	73
Median	17.0	50+	40.9	26.4	22.8	19.7	16.5	14.3	11.1	10—	...	...	50+
Not mortgaged	20 634	2 973	4 199	1 673	1 511	2 619	2 530	3 100	1 404	625	14 935	18 007	2 000
Less than 10 percent	11 323	20	366	575	892	2 024	2 369	3 048	1 404	625	23 506	26 341	19
10 to 14 percent	3 544	93	1 485	736	494	532	152	52	—	—	10 659	11 576	78
15 to 19 percent	2 035	243	1 360	268	108	47	9	—	—	—	7 423	7 904	135
20 to 24 percent	1 233	480	642	78	17	16	—	—	—	—	5 757	6 187	232
25 to 29 percent	744	556	181	7	—	—	—	—	—	—	4 093	4 462	235
30 to 34 percent	390	274	107	9	—	—	—	—	—	—	4 240	4 478	196
35 percent or more	1 263	1 205	58	—	—	—	—	—	—	—	2 691		

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

## The SMSA

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
		19 131	5 134	4 543	1 886	1 521	2 472	1 671	1 482	305	117	9 872	12 144	4 461
<b>Renter-occupied housing units</b>														
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>														
Married-couple families	8 009	661	1 660	908	824	1 424	1 167	1 064	233	68	14 853	16 336	925	
15 to 24 years	1 480	115	291	222	212	313	185	113	11	18	13 821	15 065	169	
25 to 34 years	2 741	202	352	255	269	589	510	484	69	11	16 993	17 632	286	
35 to 44 years	1 094	51	157	140	109	161	215	209	42	10	17 500	18 596	116	
45 to 64 years	1 648	116	340	174	163	304	218	216	94	23	15 393	17 384	187	
65 years and over	1 046	177	520	117	71	57	39	42	17	6	8 365	10 726	167	
Male householder, no wife present	3 599	860	829	335	272	616	319	276	58	34	10 825	12 837	826	
15 to 24 years	677	111	211	98	61	92	35	65	4	—	10 421	11 866	136	
25 to 34 years	1 019	83	132	155	127	312	92	74	26	18	15 153	16 343	56	
35 to 44 years	467	75	78	22	11	112	76	71	14	8	17 423	17 196	46	
45 to 64 years	720	233	156	35	52	89	80	53	14	8	8 831	11 966	174	
65 years and over	716	358	252	25	21	11	36	13	—	—	5 000	6 802	214	
Female householder, no husband present	7 523	3 613	2 054	643	425	432	185	142	14	15	5 304	7 349	2 910	
15 to 24 years	866	398	206	133	43	50	21	15	—	—	5 648	7 267	406	
25 to 34 years	1 347	364	410	218	121	139	44	41	10	—	8 596	9 623	457	
35 to 44 years	669	281	202	59	56	42	—	29	—	—	6 379	7 780	331	
45 to 64 years	1 758	729	575	109	115	108	73	37	—	12	6 230	8 096	678	
65 years and over	2 883	1 841	661	124	90	93	47	20	4	3	4 315	5 756	1 038	
Median age	40.9	62.2	50.6	32.1	32.9	31.5	34.1	33.9	40.8	40.9	...	...	49.6	
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>														
1979 to March 1980	7 071	1 588	1 751	813	696	1 028	579	467	88	61	10 604	12 366	1 708	
1975 to 1978	6 176	1 563	1 295	646	482	833	620	610	101	26	10 890	12 831	1 313	
1970 to 1974	2 645	967	600	197	118	344	212	159	38	10	7 801	10 683	664	
1960 to 1969	1 749	512	517	109	118	149	153	154	29	8	8 169	11 644	399	
1959 or earlier	1 490	504	380	121	107	118	107	92	49	12	7 683	11 426	377	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>														
Complete plumbing for exclusive use	18 127	4 691	4 233	1 823	1 451	2 434	1 648	1 427	303	117	10 191	12 385	3 992	
0.50 or less	10 988	3 210	2 765	1 165	769	1 388	769	716	136	70	9 071	11 385	2 224	
0.51 to 1.00	6 595	1 389	1 389	573	604	969	810	647	167	47	12 267	13 934	1 578	
1.01 to 1.50	484	87	64	74	68	60	69	62	—	—	13 125	13 993	172	
1.51 or more	60	5	15	11	10	17	2	—	—	—	12 273	12 359	18	
Locking complete plumbing for exclusive use	1 004	443	310	63	70	38	23	55	2	—	5 753	7 793	469	
0.50 or less	434	211	128	26	19	19	2	29	—	—	5 268	7 455	177	
0.51 to 1.00	496	205	168	30	37	18	19	19	—	—	5 853	7 692	244	
1.01 to 1.50	61	21	14	—	14	1	2	7	2	—	6 696	11 045	35	
1.51 or more	13	6	—	7	—	—	—	—	—	—	10 179	7 707	13	
<b>SELECTED CHARACTERISTICS</b>														
Heating equipment	19 091	5 119	4 531	1 886	1 516	2 466	1 669	1 482	305	117	9 879	12 150	4 456	
Central heating system	14 559	3 731	3 279	1 397	1 152	1 971	1 387	1 296	232	114	10 482	12 742	3 012	
Air conditioning	6 505	1 408	1 390	680	507	947	679	691	144	59	11 671	13 939	913	
Vehicles available	13 462	1 714	3 058	1 535	1 419	2 291	1 583	1 452	305	105	13 247	14 852	1 868	
1	8 267	1 472	2 383	1 106	942	1 242	587	404	94	37	10 630	12 024	1 438	
2 or more	5 195	242	675	429	477	1 049	996	1 048	211	68	18 515	19 353	430	
House heating fuel	19 091	5 119	4 531	1 886	1 516	2 466	1 669	1 482	305	117	9 879	12 150	4 456	
Utility gas	13 357	3 662	3 216	1 306	1 076	1 627	1 261	961	178	70	9 665	11 865	3 258	
Bottled, tank, or LP gas	142	39	34	17	—	19	21	4	—	8	9 688	14 052	43	
Electricity	3 872	1 038	904	391	298	537	238	331	99	36	9 970	12 638	701	
Fuel oil, kerosene, etc.	1 057	179	255	82	79	204	108	130	20	—	12 896	14 021	241	
Other	663	201	122	90	63	79	41	56	8	3	10 236	11 665	213	
Median rooms	4.1	3.5	4.1	4.2	4.4	4.3	4.7	4.9	5.0	4.3	...	...	3.8	
Specified renter-occupied housing units	17 977	4 943	4 284	1 746	1 432	2 305	1 526	1 343	284	114	9 709	12 011	4 206	
<b>CONTRACT RENT</b>														
Less than \$100	5 363	2 682	1 285	311	280	374	204	171	53	3	4 999	7 960	2 080	
\$100 to \$149	4 111	1 002	1 114	428	361	470	397	293	22	24	9 720	11 866	910	
\$150 to \$199	3 746	562	922	513	360	709	332	280	43	25	11 896	13 228	611	
\$200 to \$249	1 907	225	431	216	152	308	303	203	63	6	13 840	15 376	208	
\$250 to \$299	1 011	66	163	95	107	237	132	157	35	19	16 359	17 982	78	
\$300 to \$349	259	32	5	46	13	18	46	68	18	13	22 689	22 170	23	
\$350 to \$399	105	2	26	—	4	4	18	49	2	—	24 712	21 491	2	
\$400 to \$449	89	5	—	5	10	32	5	6	13	13	17 269	27 028	5	
\$500 or more	22	—	—	—	—	—	7	7	—	8	28 929	33 978	—	
No cash rent	1 364	367	338	132	145	153	82	109	35	3	9 609	11 911	289	
Median	\$130	\$86	\$125	\$155	\$150	\$158	\$161	\$175	\$206	\$215	...	...	\$93	
<b>GROSS RENT</b>														
Less than \$100	2 636	1 901	466	89	76	54	24	26	—	—	3 928	4 924	1 409	
\$100 to \$149	2 815	872	1 004	235	199	233	105	140	27	—	7 498	9 547	644	
\$150 to \$199	3 496	764	872	432	287	505	391	197	39	9	10 648	12 177	714	
\$200 to \$249	3 240	532	807	407	350	561	289	226	39	29	11 726	13 147	572	
\$250 to \$299	2 404	295	487	222	229	448	360	283	48	32	14 662	15 893	339	
\$300 to \$349	1 130	151	151	136	59	195	160	225	46	7	16 429	17 357	135	
\$350 to \$399	458	23	104	50	60	89	59	45	23	5	14 667	16 364	45	
\$400 to \$449	287	31	44	38	15	43	40	58	18	—	16 211	18 169	48	
\$500 or more	147	7	11	5	12	24	16	34	9	29	24 583	28 049	11	
No cash rent	1 364	367	338	132	145	153	82	109	35	3	9 609	11 911	289	
Median	\$189	\$122	\$177	\$206	\$214	\$228	\$236	\$254	\$281	\$272	...	...	\$140	
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>														
Less than 15 percent	4 171	103	315	258	355	850	915	1 037	242	96	21 116	22 009	154	
15 to 19 percent	2 841	294	531	335	340	739	429	151	7	15	14 415	14 464	215	
20 to 24 percent	2 463	482	615	453	404	393	79	37	—	—	10 742	10 698	293	
25 to 29 percent	1 488	433	608	221	93	114	10	9	—	—	7 672	8 182	317	
30 to 34 percent	1 125	308	512	203	47	44	11	—	—	—	7 788	7 955	233	
35 to 49 percent	1 836	704	937	135	48	12	—	—	—	—	5 907	6 184	581	
50 percent or more	2 435	1 998	428	9	—	—	—	—	—	—	3 319	3 355		

Table A-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	17 209	2 888	2 941	2 989	2 502	1 785	2 350	896	567	291	296
PERSONS IN UNIT											
1 person	1 040	384	186	153	100	99	82	19	—	17	237
2 persons	3 781	781	601	615	528	375	531	186	128	36	291
3 persons	3 768	601	605	682	500	450	533	189	145	63	300
4 persons	4 798	562	885	905	705	516	692	242	174	117	303
5 persons	2 464	339	502	346	438	257	304	165	66	47	305
6 persons	908	172	139	171	147	55	136	58	19	11	292
7 persons	315	32	13	92	53	23	50	21	31	—	319
8 or more persons	135	17	10	25	31	10	22	16	4	—	325
Median	3.50	2.96	3.59	3.55	3.67	3.43	3.54	3.72	3.56	3.75	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	14 956	2 255	2 545	2 603	2 258	1 558	2 118	840	516	263	302
15 to 24 years	587	69	73	81	84	110	124	39	7	—	342
25 to 34 years	5 329	391	725	921	896	758	974	377	219	68	335
35 to 44 years	4 046	577	628	718	697	394	557	254	127	94	307
45 to 64 years	4 561	1 057	1 041	791	551	252	447	170	151	101	262
65 years and over	433	161	78	92	30	44	16	—	12	—	236
Male householder, no wife present	922	234	164	160	102	99	87	34	31	11	270
15 to 24 years	83	7	5	21	19	12	19	—	—	—	322
25 to 34 years	270	40	45	51	40	32	35	8	14	5	299
35 to 44 years	167	20	29	25	12	38	13	17	7	6	340
45 to 64 years	331	120	79	60	26	17	20	9	—	—	229
65 years and over	71	47	6	3	5	—	—	—	10	—	179
Female householder, no husband present	1 331	399	232	226	142	128	145	22	20	17	258
15 to 24 years	15	4	7	3	—	1	—	—	—	—	225
25 to 34 years	277	51	23	33	47	61	34	12	10	6	334
35 to 44 years	273	42	42	70	36	23	50	6	—	4	288
45 to 64 years	510	157	110	100	36	30	56	4	10	7	245
65 years and over	256	145	50	20	23	13	5	—	—	—	190
Median age	39.1	48.7	43.3	39.2	36.9	34.2	34.9	35.4	37.5	41.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	2 191	91	135	297	218	363	579	244	181	83	399
1975 to 1978	5 666	504	715	956	1 029	693	1 044	397	210	118	332
1970 to 1974	4 190	565	983	880	697	395	391	112	103	64	281
1960 to 1969	3 753	1 202	806	675	407	247	247	109	34	26	242
1959 or earlier	1 409	526	302	181	151	87	89	34	39	—	230
ROOMS											
1 to 3 rooms	116	47	22	23	4	8	6	—	—	6	225
4 rooms	1 216	403	269	157	176	88	89	9	25	—	238
5 rooms	4 101	954	896	759	572	431	361	82	37	9	263
6 rooms	5 560	869	1 098	1 071	799	577	780	217	105	44	288
7 rooms	3 202	391	422	533	530	332	575	284	96	39	324
8 or more rooms	3 014	224	234	446	421	349	539	304	304	193	376
Median	6.1	5.5	5.8	6.0	6.1	6.1	6.4	7.0	7.6	8.2	...
YEAR STRUCTURE BUILT											
1975 to March 1980	2 380	78	76	265	384	314	655	326	200	82	411
1970 to 1974	1 905	67	276	371	356	295	304	80	80	76	333
1960 to 1969	2 541	352	468	430	402	268	329	157	93	42	303
1950 to 1959	2 027	431	412	357	226	187	220	107	64	23	274
1940 to 1949	1 577	328	342	290	238	128	176	36	25	14	270
1939 or earlier	6 779	1 632	1 367	1 276	896	593	666	190	105	54	265
VALUE											
Less than \$10,000	348	251	52	33	12	—	—	—	—	—	170
\$10,000 to \$19,999	1 316	510	387	231	128	33	22	5	—	—	219
\$20,000 to \$29,999	2 480	602	679	534	353	174	96	34	8	—	247
\$30,000 to \$39,999	2 829	587	599	604	407	349	244	27	12	—	269
\$40,000 to \$49,999	3 316	578	637	560	495	389	540	90	27	—	290
\$50,000 to \$59,999	2 532	198	308	444	509	284	536	211	20	22	331
\$60,000 to \$79,999	2 796	146	227	352	462	415	616	310	216	52	375
\$80,000 to \$99,999	971	12	41	219	93	114	180	123	149	40	403
\$100,000 to \$149,999	485	—	11	12	31	25	102	74	116	114	583
\$150,000 or more	136	4	—	—	12	2	14	22	19	63	711
Median	\$44 700	\$31 200	\$35 600	\$41 900	\$46 000	\$48 200	\$53 700	\$65 600	\$80 100	\$118 800	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	6 957	2 056	1 828	1 399	880	336	313	89	34	22	239
15 to 19 percent	3 938	266	483	822	794	585	680	139	107	62	325
20 to 24 percent	2 537	165	259	323	373	384	539	283	133	78	369
25 to 29 percent	1 508	75	136	109	181	212	469	159	114	53	409
30 to 34 percent	559	72	40	88	40	69	107	73	52	18	379
35 percent or more	1 637	233	183	239	214	195	235	153	127	58	338
Not computed	73	21	12	9	20	4	7	—	—	—	269
Median	17.0	11.3	13.5	15.6	17.3	19.7	21.7	23.9	25.4	23.9	...
SELECTED CHARACTERISTICS											
Heating equipment	17 205	2 888	2 941	2 989	2 502	1 781	2 350	896	567	291	296
Steam or hot water system	817	115	72	142	133	65	120	72	58	40	330
Central warm-air furnace or electric heat pump	12 382	2 085	2 230	2 142	1 743	1 239	1 701	596	406	240	294
Other built-in electric units	2 468	137	356	453	482	352	406	182	89	11	330
Floor, wall, or pipeless furnace	247	83	65	38	17	9	26	9	—	—	231
Other means	1 291	468	218	214	127	116	97	37	14	—	241
Air conditioning	8 141	1 104	1 337	1 372	1 153	911	1 155	480	377	252	311
Central system	2 664	216	260	283	331	302	541	271	268	192	390
1 or more individual room units	5 477	888	1 077	1 089	822	609	614	209	109	60	286
House heating fuel	17 205	2 888	2 941	2 989	2 502	1 781	2 350	896	567	291	296
Utility gas	10 663	2 284	2 104	1 892	1 447	1 003	1 127	414	255	137	275
Bottled, tank, or LP gas	73	3	10	34	16	4	6	—	—	—	285
Electricity	4 106	232	435	601	664	551	879	360	246	138	361
Fuel oil, kerosene, etc.	1 913	209	319	382	318	201	326	85	57	16	307
Other	450	160	73	80	57	22	12	37	9	—	245

Table A-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA		Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units		20 634	422	2 784	5 848	5 390	3 307	2 240	478	165	106
PERSONS IN UNIT											
1 person		5 290	301	1 268	1 791	1 049	452	340	69	20	90
2 persons		8 716	102	1 109	2 638	2 464	1 327	874	147	55	105
3 persons		3 235	8	243	811	880	695	448	106	43	116
4 persons		2 008	1	113	408	605	482	275	94	30	120
5 persons		869	—	26	125	270	241	157	38	12	126
6 persons		344	—	19	48	81	74	98	19	5	133
7 persons		144	10	6	27	30	35	31	5	—	124
8 or more persons		28	—	—	—	11	—	17	—	—	159
Median		2.08	1.20	1.61	1.93	2.17	2.41	2.39	2.72	2.67	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families		12 749	106	1 185	3 339	3 564	2 448	1 627	358	122	112
15 to 24 years		112	7	32	45	4	17	6	1	—	84
25 to 34 years		655	3	74	140	185	137	91	23	2	115
35 to 44 years		1 078	12	62	194	319	229	199	63	—	121
45 to 64 years		6 429	39	420	1 477	1 854	1 438	920	199	82	117
65 years and over		4 475	45	597	1 483	1 202	627	411	72	38	102
Male householder, no wife present		1 823	129	330	637	405	188	89	42	3	93
15 to 24 years		18	6	—	12	—	—	—	—	—	81
25 to 34 years		95	—	20	39	13	15	8	—	—	93
35 to 44 years		107	20	16	39	26	6	—	—	—	86
45 to 64 years		668	30	84	256	182	65	31	20	—	96
65 years and over		935	73	210	291	184	102	50	22	3	91
Female householder, no husband present		6 062	187	1 269	1 872	1 421	671	524	78	40	96
15 to 24 years		2	—	—	—	2	—	—	—	—	113
25 to 34 years		67	4	4	13	29	9	6	—	2	111
35 to 44 years		203	—	—	33	85	50	28	—	7	120
45 to 64 years		1 944	21	275	573	548	280	202	37	8	105
65 years and over		3 846	162	990	1 253	757	332	288	41	23	90
Median age		63.2	69.2	68.6	65.5	61.8	59.4	59.2	57.1	61.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980		498	24	55	163	109	94	43	10	—	102
1975 to 1978		1 552	25	217	407	367	270	195	67	4	109
1970 to 1974		2 144	58	264	475	542	347	335	90	33	113
1960 to 1969		4 696	96	519	1 079	1 409	838	579	138	38	112
1959 or earlier		11 744	219	1 729	3 724	2 963	1 758	1 088	173	90	102
ROOMS											
1 to 3 rooms		437	78	141	116	71	16	14	1	—	75
4 rooms		2 967	160	758	1 012	602	263	120	33	19	89
5 rooms		6 330	93	996	1 990	1 631	956	559	84	21	101
6 rooms		6 643	31	619	1 962	1 878	1 237	763	136	17	109
7 rooms		2 523	40	155	525	799	446	411	107	40	117
8 or more rooms		1 734	20	115	243	409	389	373	117	68	130
Median		5.6	4.3	5.0	5.4	5.7	5.8	6.1	6.4	7.1	...
YEAR STRUCTURE BUILT											
1975 to March 1980		521	13	47	104	121	79	123	30	4	120
1970 to 1974		554	8	31	137	131	104	106	29	8	119
1960 to 1969		2 049	21	198	359	603	427	328	84	29	119
1950 to 1959		3 324	46	364	787	859	714	454	71	29	114
1940 to 1949		1 777	46	266	591	455	202	179	28	10	99
1939 or earlier		12 409	288	1 878	3 870	3 221	1 781	1 050	236	85	101
VALUE											
Less than \$10,000		1 267	143	371	318	200	127	63	27	18	84
\$10,000 to \$19,999		3 426	128	680	1 062	794	434	254	58	16	96
\$20,000 to \$29,999		4 318	106	668	1 355	1 224	536	345	60	24	101
\$30,000 to \$39,999		3 883	21	576	1 292	1 009	643	314	27	1	101
\$40,000 to \$49,999		2 919	10	319	768	877	555	331	59	—	110
\$50,000 to \$59,999		2 128	14	125	630	587	404	311	45	12	113
\$60,000 to \$79,999		1 879	—	43	383	571	421	349	99	13	122
\$80,000 to \$99,999		510	—	2	40	97	128	170	53	20	148
\$100,000 to \$149,999		253	—	—	22	57	94	46	34	27	175
\$150,000 or more		51	—	—	9	2	9	4	4	27	250+
Median		\$33 200	\$14 900	\$24 300	\$31 400	\$35 000	\$38 600	\$43 300	\$50 900	\$79 400	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 10 percent		11 323	222	1 464	3 194	3 092	1 942	1 137	221	51	106
10 to 14 percent		3 544	75	445	1 096	837	509	439	118	25	105
15 to 19 percent		2 035	61	308	554	540	313	194	50	15	104
20 to 24 percent		1 233	11	275	288	307	170	125	26	31	103
25 to 29 percent		744	14	133	313	146	74	48	14	2	93
30 to 34 percent		390	—	45	98	97	70	69	2	9	113
35 percent or more		1 263	26	109	284	364	205	201	42	32	115
Not computed		102	13	5	21	7	24	27	5	—	130
Median		10—	10—	10—	10—	10—	10—	10—	10.7	17.2	...
SELECTED CHARACTERISTICS											
Heating equipment		20 616	412	2 776	5 848	5 390	3 307	2 240	478	165	106
Steam or hot water system		1 148	12	75	270	333	244	132	44	38	116
Central warm-air furnace or electric heat pump		15 418	110	1 815	4 426	4 247	2 614	1 769	322	115	108
Other built-in electric units		913	6	84	239	298	127	116	37	6	111
Floor, wall, or pipeless furnace		653	53	205	157	138	36	41	23	—	86
Other means		2 484	231	597	756	374	286	182	52	6	89
Air conditioning		7 963	56	827	2 229	2 201	1 414	917	232	87	110
Central system		2 549	7	162	510	671	561	446	127	65	122
1 or more individual room units		5 414	49	665	1 719	1 530	853	471	105	22	104
House heating fuel		20 616	412	2 776	5 848	5 390	3 307	2 240	478	165	106
Utility gas		15 658	285	2 343	4 668	4 140	2 262	1 386	271	103	102
Bottled, tank, or LP gas		170	5	11	55	61	21	17	—	—	106
Electricity		1 360	18	113	302	407	224	219	66	11	115
Fuel oil, kerosene, etc.		2 573	19	130	360	550	751	579	133	51	133
Other		855	85	179	263	232	49	39	8	—	91

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The SMSA

Occupied housing units	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
		48 401	4 358	4 220	5 952	10 070	23 801	19 131	1 735	1 771	1 703	3 495
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	35 124	3 715	3 467	4 779	7 521	15 642	8 009	560	601	731	1 590	4 527
15 to 24 years	1 245	334	201	190	219	301	1 480	106	153	162	401	658
25 to 34 years	7 559	1 821	1 279	803	1 266	2 390	2 741	207	232	235	679	1 389
35 to 44 years	6 451	773	879	1 120	1 077	2 602	1 094	53	36	114	197	694
45 to 64 years	13 654	642	839	2 087	3 560	6 526	1 648	75	103	100	251	1 119
65 years and over	6 215	145	269	579	1 399	3 823	1 046	119	77	120	62	668
Male householder, no wife present	3 850	286	291	412	718	2 143	3 599	385	294	248	570	2 102
15 to 24 years	168	39	20	25	37	47	677	65	77	49	136	350
25 to 34 years	555	110	93	75	93	184	1 019	138	90	76	234	481
35 to 44 years	408	47	54	98	64	145	467	59	4	37	78	289
45 to 64 years	1 358	60	79	140	253	826	720	47	41	56	63	513
65 years and over	1 361	30	45	74	271	941	716	76	82	30	59	469
Female householder, no husband present	9 427	357	462	761	1 831	6 016	7 523	790	876	724	1 335	3 798
15 to 24 years	52	24	19	2	5	2	866	124	68	42	252	380
25 to 34 years	512	96	97	50	86	183	1 347	128	81	112	379	647
35 to 44 years	627	68	28	53	188	290	669	35	45	52	145	392
45 to 64 years	3 24	117	158	280	757	1 812	1 758	121	114	115	274	1 134
65 years and over	5 112	52	160	376	795	3 729	2 883	382	568	403	285	1 245
Median age	53.0	33.7	38.4	48.8	54.8	58.4	40.9	40.1	53.3	43.5	32.0	44.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 872	1 379	456	375	535	1 127	7 071	1 044	581	580	1 497	3 369
1975 to 1978	9 881	2 979	1 083	1 053	1 561	3 205	6 176	691	644	535	1 191	3 115
1970 to 1974	8 301	—	2 681	1 093	1 324	3 203	2 645	—	546	325	403	1 371
1960 to 1969	10 050	—	—	3 431	2 124	4 495	1 749	—	—	263	225	1 261
1959 or earlier	16 297	—	—	—	4 526	11 771	1 490	—	—	—	179	1 311
<b>ROOMS</b>												
1 room	64	16	6	10	10	22	759	53	211	122	38	335
2 rooms	75	8	—	30	9	28	1 311	221	281	138	102	569
3 rooms	926	58	63	117	197	491	3 940	523	446	377	769	1 825
4 rooms	6 588	733	809	867	1 463	2 716	5 577	530	427	493	1 170	2 957
5 rooms	13 626	1 345	1 268	1 868	3 247	5 898	3 978	233	263	332	837	2 313
6 rooms	14 460	1 027	901	1 505	3 067	7 960	2 246	107	97	191	390	1 461
7 or more rooms	12 662	1 171	1 173	1 555	2 077	6 686	1 320	68	46	50	189	967
Median	5.7	5.5	5.5	5.6	5.5	5.8	4.1	3.6	3.4	3.9	4.2	4.3
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	47 438	4 307	4 202	5 888	9 948	23 093	18 127	1 706	1 736	1 666	3 355	9 664
0.50 or less	30 551	2 214	2 175	3 369	6 602	16 191	10 988	1 275	1 027	882	1 808	5 996
0.51 to 1.00	15 947	1 959	1 915	2 334	3 225	6 514	6 595	415	691	732	1 441	3 316
1.01 to 1.50	878	125	100	185	117	351	484	16	18	50	86	314
1.51 or more	62	9	12	—	4	37	60	—	—	2	20	38
Lacking complete plumbing for exclusive use	963	51	18	64	122	708	1 004	29	35	37	140	763
0.50 or less	631	14	—	35	51	531	434	16	13	19	55	331
0.51 to 1.00	265	23	18	23	46	155	496	4	22	18	78	374
1.01 to 1.50	51	14	—	6	16	15	61	9	—	7	45	—
1.51 or more	16	—	—	—	9	7	13	—	—	—	—	13
<b>PERSONS IN UNIT</b>												
1 person	8 336	358	436	810	1 520	5 212	7 383	901	939	699	1 026	3 818
2 persons	16 085	1 087	1 093	1 837	3 756	8 312	5 340	523	396	456	1 057	2 908
3 persons	9 077	1 053	958	1 125	1 960	3 981	2 770	146	198	212	686	1 528
4 persons	8 257	1 159	1 000	1 241	1 629	3 228	2 063	99	180	193	398	1 193
5 persons	4 246	477	494	558	828	1 889	869	34	24	103	210	498
6 or more persons	2 400	224	239	381	377	1 179	706	32	34	40	118	482
Median	2.49	3.20	3.11	2.79	2.44	2.30	1.91	1.46	1.44	1.83	2.18	1.98
Total persons	139 494	14 497	13 635	18 425	28 360	64 577	41 844	2 923	3 205	3 721	8 504	23 491
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	42 964	3 276	2 827	5 073	9 692	22 096	6 802	272	296	545	1 643	4 046
2	1 419	21	24	32	156	1 186	4 042	49	68	118	676	3 131
3 and 4	426	20	40	42	38	286	2 583	125	112	114	582	1 650
5 to 9	129	13	3	10	15	88	1 896	293	113	217	359	914
10 to 49	135	18	13	24	24	56	1 637	395	403	225	163	451
50 or more	23	7	—	1	15	60	1 513	431	583	303	22	174
Mobile home or trailer, etc.	3 305	1 010	1 306	771	144	74	658	170	196	181	50	61
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	48 373	4 358	4 220	5 952	10 070	23 773	19 091	1 733	1 771	1 703	3 490	10 394
Steam or hot water system	2 355	54	70	359	341	1 531	2 089	30	320	233	443	1 063
Central warm-air furnace or electric heat pump	34 846	2 537	2 624	4 132	8 088	17 465	9 352	706	685	917	1 899	5 145
Other built-in electric units	4 368	1 367	1 198	921	586	296	2 516	936	619	339	188	434
Floor, wall, or pipeless furnace	1 203	52	71	93	273	714	602	2	46	31	139	384
Other means	5 601	348	257	447	782	3 767	4 532	59	101	183	821	3 368
Air conditioning	19 957	1 873	1 972	2 866	4 731	8 515	6 505	1 148	991	744	968	2 654
Central system	6 358	1 103	917	1 296	1 707	1 335	1 501	529	353	224	186	209
1 or more individual room units	13 599	770	1 055	1 570	3 024	7 180	5 004	619	638	520	782	2 445
House heating fuel	48 373	4 358	4 220	5 952	10 070	23 773	19 091	1 733	1 771	1 703	3 490	10 394
Utility gas	30 683	436	997	2 858	7 265	19 127	13 357	147	646	994	2 826	8 744
Bottled, tank, or LP gas	494	40	103	98	76	177	142	11	24	9	50	48
Electricity	8 163	3 262	2 428	1 242	803	428	3 872	1 502	991	504	292	583
Fuel oil, kerosene, etc.	6 906	401	577	1 537	1 542	2 849	1 057	58	95	170	204	530
Other	2 127	219	115	217	384	1 192	663	15	15	26	118	489
Income in 1979 below poverty level	3 772	221	265	359	596	2 331	4 461	378	495	370	817	2 401
Percent below poverty level	7.8	5.1	6.3	6.0	5.9	9.8	23.3	21.8	27.0	21.7	23.4	23.0
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	4 817	184	255	384	793	3 201	5 134	536	728	469	843	2 558
\$5,000 to \$9,999	6 898	349	336	586	1 309	4 318	4 543	438	351	403	701	2 650
\$10,000 to \$12,499	3 254	227	264	313	614	1 836	1 886	154	166	142	459	965
\$12,500 to \$14,999	3 097	230	279	340	679	1 569	1 521	128	113	107	312	861
\$15,000 to \$19,999	7 637	906	729	961	1 527	3 514	2 472	169	169	242	459	1 433
\$20,000 to \$24,999	7 503	903	728	970	1 675	3 227	1 671	91	99	174	320	987
\$25,000 to \$34,999	9 702	1 107	1 127	1 447	2 093	3 928	1 482	146	115	130	300	791
\$35,0												

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA	Owner-occupied housing units				Renter-occupied housing units							
	1 unit, detached or attached		2 or more units	Mobile home or trailer, etc.	1 unit, detached or attached		2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
	Total				Total							
Occupied housing units	48 401	42 964	2 132	3 305	19 131	6 802	4 042	2 583	1 896	1 637	1 513	658
Condominium housing units	147	54	93	—	244	7	11	13	64	80	69	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	35 124	31 578	1 206	2 340	8 009	3 955	1 814	881	437	386	205	331
15 to 24 years	1 245	799	55	—	1 480	543	355	271	72	105	14	120
25 to 34 years	7 559	6 486	198	875	2 741	1 365	658	324	142	97	16	139
35 to 44 years	6 451	5 873	161	417	1 094	693	180	69	82	56	—	14
45 to 64 years	13 654	12 675	526	453	1 648	905	415	113	79	67	25	44
65 years and over	6 215	5 745	266	204	1 046	449	206	104	62	61	150	14
Male householder, no wife present	3 850	3 180	266	404	3 599	1 073	530	501	521	559	245	170
15 to 24 years	168	109	15	44	677	177	105	117	143	82	11	42
25 to 34 years	555	416	56	83	1 019	346	129	150	160	144	14	76
35 to 44 years	408	299	25	84	467	87	115	80	56	97	16	16
45 to 64 years	1 358	1 162	84	112	720	241	96	87	138	49	22	22
65 years and over	1 361	1 194	86	81	716	222	85	67	75	98	155	14
Female householder, no husband present	9 427	8 206	660	561	7 523	1 774	1 698	1 201	938	692	1 063	157
15 to 24 years	52	17	7	28	866	204	165	149	146	132	12	58
25 to 34 years	512	361	39	112	1 347	378	363	210	208	129	3	56
35 to 44 years	627	535	42	50	669	155	164	177	90	62	12	9
45 to 64 years	3 124	2 717	193	214	1 758	494	433	333	232	118	126	22
65 years and over	5 112	4 576	379	157	2 883	543	573	332	262	251	910	12
Median age	53.0	53.6	58.4	36.9	40.9	39.1	40.2	36.6	37.7	39.6	73.4	27.9
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	3 872	2 996	184	692	7 071	2 100	1 436	1 186	822	762	389	376
1975 to 1978	9 881	8 062	418	1 401	6 176	2 236	1 223	774	647	559	519	218
1970 to 1974	8 301	7 077	318	906	2 645	948	457	298	204	170	518	50
1960 to 1969	10 050	9 442	337	271	1 749	762	455	190	169	84	75	14
1959 or earlier	16 297	15 387	875	35	1 490	756	471	135	54	62	12	—
<b>ROOMS</b>												
1 room	64	46	7	11	759	15	11	27	121	259	322	4
2 rooms	75	41	14	20	1 311	121	112	188	185	171	501	33
3 rooms	926	561	181	184	3 940	694	754	830	535	446	607	74
4 rooms	6 588	4 681	447	1 460	5 577	1 602	1 580	941	549	523	55	327
5 rooms	13 626	11 703	682	1 241	3 978	1 793	1 031	441	362	159	23	169
6 rooms	14 460	13 725	433	302	2 246	1 481	434	130	100	59	—	42
7 or more rooms	12 662	12 207	368	87	1 320	1 096	120	26	44	20	5	9
Median	5.7	5.8	5.1	4.5	4.1	5.0	4.2	3.8	3.7	3.4	2.4	4.2
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	47 438	42 153	2 031	3 254	18 127	6 357	3 912	2 527	1 796	1 474	1 448	613
0.50 or less	30 551	27 416	1 464	1 671	10 988	3 573	2 415	1 582	1 178	950	916	374
0.51 to 1.00	15 947	13 923	554	1 470	6 595	2 579	1 373	853	545	500	525	220
1.01 to 1.50	878	760	13	105	484	181	124	72	68	15	7	17
1.51 or more	62	54	—	8	60	24	—	20	5	9	—	2
Lacking complete plumbing for exclusive use	963	811	101	51	1 004	445	130	56	100	163	65	45
0.50 or less	631	549	74	8	434	197	83	42	33	28	39	12
0.51 to 1.00	265	213	24	28	496	192	40	14	67	135	20	28
1.01 to 1.50	51	45	—	6	61	56	—	—	—	—	—	5
1.51 or more	16	4	3	9	13	—	7	—	—	—	—	—
<b>BEDROOMS</b>												
None	68	50	7	11	873	28	26	66	131	289	329	4
1	2 194	1 628	394	172	6 532	1 154	1 431	1 313	837	585	1 108	104
2	15 201	12 246	864	2 091	7 321	2 648	1 869	943	683	651	68	459
3	24 265	22 638	661	966	3 579	2 279	630	233	228	110	8	91
4	5 577	5 344	174	59	649	550	58	28	11	2	—	—
5 or more	1 096	1 058	32	6	177	143	28	—	6	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	4 817	4 186	272	359	5 134	1 304	921	682	604	574	916	133
\$5,000 to \$9,999	6 898	6 022	390	486	4 543	1 544	956	576	525	314	440	188
\$10,000 to \$12,499	3 254	2 727	223	304	1 886	679	455	274	201	152	57	68
\$12,500 to \$14,999	3 097	2 705	155	237	1 521	624	328	206	152	132	33	46
\$15,000 to \$19,999	7 637	6 486	342	809	2 472	948	615	395	166	193	28	127
\$20,000 to \$24,999	7 503	6 666	222	615	1 671	791	397	231	104	85	23	40
\$25,000 to \$34,999	9 702	8 970	330	402	1 482	719	283	153	115	157	16	39
\$35,000 to \$49,999	3 916	3 697	147	72	305	150	56	30	29	25	—	15
\$50,000 or more	1 577	1 505	51	21	117	43	31	36	—	5	—	2
Median	\$19 005	\$19 502	\$15 374	\$16 542	\$9 872	\$12 036	\$10 791	\$10 306	\$8 526	\$8 610	\$4 467	\$10 294
Mean	\$20 698	\$21 261	\$19 098	\$16 568	\$12 144	\$13 886	\$12 652	\$12 519	\$10 315	\$11 167	\$5 618	\$12 255
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	48 373	42 942	2 126	3 305	19 091	6 790	4 036	2 583	1 876	1 637	1 513	656
Steam or hot water system	2 355	2 199	155	1	2 089	192	241	244	495	381	564	2
Central warm-air furnace or electric heat pump	34 846	31 090	1 400	2 356	9 352	4 034	2 161	1 206	584	558	422	387
Other built-in electric units	4 368	3 837	79	452	2 516	520	137	277	410	562	466	144
Floor, wall, or pipeless furnace	1 203	1 024	86	93	602	342	111	84	22	—	20	14
Other means	5 601	4 792	406	403	4 532	1 702	1 386	802	365	127	41	109
Air conditioning	19 957	17 607	892	1 458	6 505	1 882	1 127	726	701	922	949	198
Central system	6 358	5 762	222	374	1 501	255	95	158	250	501	219	23
Vehicles available	43 637	38 731	1 776	3 130	13 462	5 711	2 840	1 692	1 154	1 106	375	584
1	15 644	13 526	898	1 220	8 247	2 938	1 878	1 116	877	788	337	333
2 or more	27 993	25 205	878	1 910	5 195	2 773	962	576	277	318	38	251
House heating fuel	48 373	42 942	2 126	3 305	19 091	6 790	4 036	2 583	1 876	1 637	1 513	656
Utility gas	30 683	28 563	1 761	359	13 357	4 751	3 681	2 098	1 260	714	745	108
Bottled, tank, or LP gas	494	319	14	161	142	54	33	22	7	8	—	18
Electricity	8 163	6 232	195	1 736	3 872	705	226	427	555	900	757	302
Fuel oil, kerosene, etc.	6 906	5 850	112	944	1 057	764	30	17	23	13	—	210
Other	2 127	1 978	44	105	663	516	66	19	31	2	11	18
Water heating fuel	48 106	42 679	2 128	3 299	18 814	6 532	4 035	2 581	1 894	1 619	1 513	640
Utility gas	27 176	25 397	1 650	129	12 252	4 192	3 488	1 994	1 235	688	619	36
Bottled, tank, or LP gas	541	427	25	89	312	86	98	51	22	27	12	16
Electricity	20 214	16 704	453	3 057	6 216	2 244	449	536	636	898	882	571
Fuel oil, kerosene, etc.	122	98	—	24	19	6	—	—	1	6	—	6
Other	53	53	—	—	15	4	—	—	—	—	—	11
Family householder	39 673	35 554	1 455	2 664	10 982	4 965	2 577	1 332	832	600	234	442
With own children under 18 years	18 257	16 206	495	1 556	6 052	3 045	1 314	643	459	300	49	242
With own children under 6 years	7 147	6 071	158	918	3 261	1 548	729	355	251	170	37	171
Female householder, no husband present	3 430	2 990	186	254	2 594	836	705	397	355	188	29	84
With own children under 18 years	1 137	880	79	178	1 760	567	445	272	247	148		

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
<b>Owner-occupied housing units</b>											
Nonrelatives present	48 401	8 336	16 085	9 077	8 257	4 246	1 608	576	216	2.49	139 494
856	—	344	178	136	115	40	27	16	2.97	2 969	
<b>ROOMS</b>											
1 to 3 rooms	1 065	575	358	39	67	17	2	5	2	1.43	2 044
4 rooms	6 588	1 876	2 860	1 070	548	182	38	14	—	2.00	14 414
5 rooms	13 626	2 632	4 858	2 535	2 247	990	275	76	13	2.36	36 734
6 rooms	14 460	2 099	4 683	3 046	2 558	1 329	512	180	53	2.65	42 592
7 rooms	6 733	683	1 969	1 264	1 497	771	378	124	47	3.07	22 011
8 or more rooms	5 929	471	1 357	1 123	1 340	957	403	177	101	3.51	21 699
Median	5.7	5.2	5.5	5.8	6.0	6.2	6.5	6.6	7.4	—	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	47 438	7 958	15 819	8 958	8 163	4 191	1 581	561	207	2.50	137 114
1.00 or less	46 498	7 958	15 808	8 954	8 108	4 018	1 275	301	76	2.47	131 377
1.01 to 1.50	878	—	—	4	44	165	304	243	118	6.24	5 392
1.51 or more	62	—	11	—	11	8	2	17	13	6.00	345
Lacking complete plumbing for exclusive use	963	378	266	119	94	55	27	15	9	1.89	2 380
1.00 or less	896	378	263	119	82	29	18	—	7	1.77	1 974
1.01 to 1.50	51	—	—	—	12	17	9	13	—	5.29	310
1.51 or more	16	—	3	—	—	9	—	2	2	5.06	96
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	42 964	7 118	14 289	7 968	7 539	3 801	1 498	548	203	2.51	123 288
2 or more	2 132	627	758	351	197	148	26	15	10	2.08	6 692
Mobile home or trailer, etc.	3 305	591	1 038	758	521	297	84	13	3	2.53	9 514
<b>VALUE</b>											
Specified owner-occupied housing units	37 843	6 330	12 497	7 003	6 806	3 333	1 252	459	163	2.51	107 121
Less than \$10,000	1 615	476	555	200	220	112	28	16	8	2.10	3 906
\$10,000 to \$19,999	4 742	1 484	1 529	685	526	359	71	70	18	2.08	11 401
\$20,000 to \$29,999	6 798	1 405	2 575	1 052	951	467	234	89	25	2.27	17 381
\$30,000 to \$39,999	6 712	1 064	2 260	1 295	1 121	604	273	75	20	2.52	18 749
\$40,000 to \$49,999	6 235	869	1 888	1 370	1 240	519	215	95	39	2.76	18 091
\$50,000 to \$59,999	4 660	513	1 455	944	1 092	461	162	23	10	2.88	14 482
\$60,000 to \$79,999	4 675	398	1 486	943	1 078	510	193	48	19	2.98	14 896
\$80,000 to \$99,999	1 481	83	469	276	376	192	55	20	10	3.18	4 721
\$100,000 to \$149,999	738	29	213	205	154	92	21	10	14	3.12	2 778
\$150,000 or more	187	9	67	33	48	17	—	13	—	3.03	716
Median	\$38 600	\$27 800	\$37 000	\$41 900	\$44 100	\$42 400	\$41 000	\$36 200	\$45 500	—	—
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	48 401	8 336	16 085	9 077	8 257	4 246	1 608	576	216	2.49	139 494
Median income	\$19 005	\$6 649	\$16 789	\$22 163	\$23 724	\$24 566	\$25 385	\$27 708	\$29 758	—	—
Median selected monthly owner costs as percentage of household income	13.1	19.6	11.4	11.6	13.7	13.2	12.1	13.2	11.3	—	—
With a mortgage	17.0	27.7	17.3	17.2	16.8	15.8	14.1	16.0	11.9	—	—
Not mortgaged	10—	18.2	10—	10—	10—	10—	10—	10—	10—	—	—
Income in 1979 below poverty level	3 772	1 796	899	333	403	190	78	61	21	1.60	—
Median income	\$3 180	\$2 554	\$3 185	\$3 759	\$5 276	\$5 745	\$7 733	\$8 542	\$6 641	—	—
Median selected monthly owner costs as percentage of household income	41.8	42.5	39.9	33.7	46.9	50+	24.0	35.3	31.4	—	—
With a mortgage	50+	50+	50+	50+	50+	50+	31.7	45.0	13.5	—	—
Not mortgaged	36.8	40.6	36.5	25.5	23.9	50+	22.8	14.8	32.5	—	—
Renter-occupied housing units	19 131	7 383	5 340	2 770	2 063	869	509	142	55	1.91	41 844
Nonrelatives present	1 075	—	653	189	93	61	61	12	6	2.32	2 971
<b>ROOMS</b>											
1 room	759	732	16	11	—	—	—	—	—	1.02	766
2 rooms	1 311	1 112	156	37	6	—	—	—	—	1.09	1 459
3 rooms	3 940	2 477	1 137	226	77	5	18	—	—	1.30	5 549
4 rooms	5 577	1 690	2 035	1 037	640	97	61	2	15	2.04	12 161
5 rooms	3 978	817	1 156	844	639	327	155	40	—	2.52	10 568
6 rooms	2 246	351	556	371	478	260	165	46	19	3.08	7 032
7 or more rooms	1 320	204	284	244	223	180	110	54	21	3.20	4 309
Median	4.1	3.2	4.2	4.6	5.0	5.5	5.6	6.1	6.2	—	—
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	18 127	6 872	5 181	2 662	1 977	798	472	122	43	1.92	39 805
1.00 or less	17 583	6 872	5 165	2 621	1 900	704	264	52	5	1.87	37 079
1.01 to 1.50	484	—	—	30	77	89	190	68	30	5.74	2 521
1.51 or more	60	—	16	11	—	5	18	2	8	5.10	205
Lacking complete plumbing for exclusive use	1 004	511	159	108	86	71	37	20	12	1.48	2 039
1.00 or less	930	511	159	101	80	63	11	2	3	1.41	1 638
1.01 to 1.50	61	—	—	7	—	8	26	18	2	6.10	323
1.51 or more	13	—	—	—	6	—	—	7	7	8.5+	78
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	6 802	1 642	1 850	1 232	1 046	559	329	101	43	2.45	18 176
2	4 042	1 320	1 294	679	481	147	83	31	7	2.04	8 956
3 and 4	2 583	1 107	820	335	218	66	32	—	5	1.72	5 086
5 to 9	1 896	954	513	221	124	33	45	6	—	1.49	3 624
10 to 49	1 637	940	414	150	99	18	16	—	—	1.37	2 689
50 or more	1 513	1 269	178	30	29	7	—	—	7	1.10	1 839
Mobile home or trailer, etc.	658	151	271	123	66	39	4	4	—	2.16	1 474
<b>GROSS RENT</b>											
Specified renter-occupied housing units	17 977	7 156	5 079	2 583	1 852	712	444	111	40	1.86	38 595
Less than \$100	2 636	1 937	337	157	150	22	28	—	5	1.18	3 840
\$100 to \$149	2 815	1 388	749	342	212	62	51	11	—	1.53	5 328
\$150 to \$199	3 496	1 296	1 036	565	404	120	56	19	—	1.94	7 702
\$200 to \$249	3 240	1 013	1 046	575	335	142	102	19	8	2.08	7 364
\$250 to \$299	2 404	585	926	461	190	154	64	17	7	2.17	5 434
\$300 to \$349	1 130	270	372	165	219	45	48	4	7	2.29	2 681
\$350 to \$399	458	98	81	64	119	52	38	—	6	3.28	1 435
\$400 to \$499	287	38	77	46	60	26	22	18	—	3.12	1 013
\$500 or more	147	32	25	24	29	11	15	8	—	3.06	474
No cash rent	1 364	499	427	184	134	78	20	15	7	1.93	3 324
Median	\$189	\$150	\$209	\$214	\$217	\$243	\$238	\$249	\$263	—	—
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	19 131	7 383	5 340	2 770	2 063	869	509	142	55	1.91	41 844
Median income	\$9 872	\$5 774	\$12 352	\$13 141	\$13 555	\$14 520	\$14 814	\$16 429	\$15 469	—	—
Median gross rent as percentage of household income	22.4	26.5	19.9	19.9	19.5	21.1	18.8	14.9	14.3	—	—
Income in 1979 below poverty level	4 461	2 102	822	592	481	250	152	44	18	1.66	—
Median income	\$3 196	\$2 614	\$3 235	\$3 228	\$4 269	\$5 491	\$5 800	\$5 476	\$11 429	—	—
Median gross rent as percentage of household income	50+	44.3	50+	50+	49.2	50+	45.0	39.0	35.4	—	—

Table A — 10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Appendixes A and B)

The SMSA	Married-couple families										Male householder, no wife present										Median age	
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Owner-occupied housing units																						
PERSONS IN UNIT																						
1 person	8 336	5 9	1 310	360	6 057	5 015	3 470	916	1 031	2 390	2 143	157	9	32	41	40	184	183	126	1 741	3 799	67.4
2 persons	16 085	9 077	4 58	1 926	1 031	3 470	2 876	2 390	1 031	1 212	1 631	163	5	14	14	14	115	91	784	1 003	1 003	61.2
3 persons																						
4 persons																						
5 persons																						
6 or more persons																						
Median																						
Total persons	139 494	3 457	27 357	28 447	43 462	14 243	3 36	1 422	53	821	1 631	53	6	7	1 22	1 53	1 32	1 16	55	65	22	43.1
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use																						
1.01 or more persons per room	47 438	1 25	7 478	6 377	13 481	6 063	1 35	555	408	1 358	1 361	52	512	627	3 124	5 112	4 899	52.8				
Locking complete plumbing for exclusive use	940	10	193	352	298	152	17	7	1	10	7	7	109	3	—	—	13	16	11	213	41.6	
1.01 or more persons per room	963	10	81	74	173	32	10	—	—	—	—	—	—	—	—	—	—	—	—	—	39.6	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Specified owner-occupied housing units																						
With a mortgage	37 843	699	5 984	5 124	10 990	4 908	101	365	270	274	999	1 006	17	344	476	2 454	4 102	4 102	256	256	33.3	
Less than 5 percent	17 209	587	5 329	4 046	4 561	433	83	49	40	49	331	71	15	25	25	25	25	25	80	80	44.2	
15 to 19 percent	6 957	522	1 451	1 939	2 844	150	52	52	52	52	161	161	23	2	—	—	—	—	68	68	55.2	
20 to 24 percent	3 938	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	1 62	31	31	31	34.3	
25 to 29 percent	2 537	1 30	1 37	1 37	1 37	1 37	1 37	1 37	1 37	1 37	1 37	1 37	1 37	1 37	1 37	1 37	1 37	35	35	35	34.2	
30 to 34 percent	1 508	1 04	606	606	606	606	606	606	606	606	606	606	606	606	606	606	606	606	606	606	32	
35 percent or more	559	18	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	35.8	
Not computed	1 637	91	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	274	45.1	
Median	21 9	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	18 7	36.7	
Not mortgaged	20 634	1 12	635	1 078	1 078	4 429	4 425	107	95	648	648	648	648	648	648	648	648	648	648	648	63.2	
Less than 10 percent	11 323	67	511	829	5 377	2 020	18	59	100	433	359	2	22	86	607	813	813	813	813	813	38.5	
10 to 14 percent	3 544	11	95	139	601	184	—	36	—	128	181	—	5	38	425	701	701	701	701	701	32.8	
15 to 19 percent	2 035	2	16	324	243	618	—	—	5	37	169	—	6	12	244	647	647	647	647	647	30.3	
20 to 24 percent	1 233	6	18	52	52	56	—	—	—	11	65	—	17	17	26	171	498	498	498	498	498	
25 to 29 percent	744	1	—	—	—	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
30 to 34 percent	390	5	15	17	89	132	—	—	—	12	25	—	—	—	—	—	—	—	—	—	29.5	
35 percent or more	1 263	102	1	—	—	5	10	—	10	—	10	—	10	—	15	5	4	5	5	20	64.1	
Not computed	102	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Median	10 1	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Renter-occupied housing units																						
PERSONS IN UNIT																						
1 person	7 383	—	800	131	687	882	269	52	330	583	621	347	327	327	327	327	327	327	327	327	60.1	
2 persons	5 340	788	686	209	428	80	51	21	38	51	21	38	51	21	38	51	38	51	38	38	57.2	
3 persons	2 770	4 47	1 792	307	249	128	7	5	13	2	13	2	5	1	1	1	1	1	1	1	53.1	
4 persons	2 063	1 95	1 22	323	207	133	12	—	5	3	15	—	57	130	130	130	130	130	130	130	54.7	
5 persons	869	1 7	706	140	240	151	4	—	18	—	18	—	70	54	54	54	54	54	54	54	35.0	
6 or more persons	1 91	2 44	1 91	3 33	4 17	2 82	2 09	1 6	1 23	1 21	1 11	1 08	1 76	1 76	1 76	1 76	1 76	1 76	1 76	1 76	39.3	
Median	41 844	3 715	8 654	4 484	5 183	2 273	848	1 262	982	640	440	610	554	818	818	818	818	818	818	818	40.9	
PLUMBING FACILITIES BY PERSONS PER ROOM																						
Complete plumbing for exclusive use																						
1.01 or more persons per room	18 127	1 422	2 637	1 047	1 552	982	640	5	13	27	110	162	162	162	162	162	162	162	162	162	40.2	
Locking complete plumbing for exclusive use	544	46	132	115	78	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	30.1	
1.01 or more persons per room	1 004	58	104	47	96	64	21	10	—	—	—	—	—	—	—	—	—	—	—	—	33.8	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																						
Less than 15 percent	17 977	1 393	2 465	912	1 476	976	655	971	456	663	678	854	1 317	654	1 688	2 819	410	410	410	37.2		
15 to 19 percent	4 171	324	869	332	569	185	143	349	178	101	111	84	121	100	277	277	277	277	277	277	30.1	
20 to 24 percent	2 463	274	322	85	151	164	114	117	151	35	48	106	150	120	72	174	459	36.7	36.7	36.7		
25 to 29 percent	1 488	1 03	121	109	125	111	77	70	46	37	80	47	45	44	44	194	335	51.4	51.4	51.4		
30 to 34 percent	1 125	1 03	125	109	125	111	75	73	53	31	38	29	31	31	31	31	129	231	231	231		
35 to 49 percent	1 836	1 23	99	92	97	150	116	116	116	116	116	85	85	85	85	85	150	150	150	150		
50 percent or more	2 435	92	203	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	44.2	
Not computed	1 618	57	203	131	219	219	131	131	131	131	131	131	131	131	131	131	131	131	131	131	54.5	
Median	22 4	20.5	17.2	17.2	16.6	16.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	28.2	

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA	Total	Male householder						Female householder													
		Total	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years		65 years and over		Total	15 to 24 years		25 to 34 years		35 to 44 years		45 to 64 years	
			1	2	3	4	5	6	7	8	9	10		13	14	15	16	17	18		
Owner-occupied housing units	8 336	2 535	91	388	201	826	1 029	5 801	20	115	116	1 741	3 799								
PLUMBING FACILITIES																					
Complete plumbing for exclusive use	7 958	2 354	78	388	191	758	939	5 604	20	115	126	1 712	3 631								
Locking complete plumbing for exclusive use	378	181	13	—	10	68	90	197	—	—	—	29	158								
UNITS IN STRUCTURE																					
1, detached or attached	7 118	2 061	60	282	136	692	891	5 057	1	84	104	1 517	3 351								
2 or more	627	181	—	46	17	61	57	446	7	5	15	107	312								
Mobile home or trailer, etc.	591	293	31	60	48	73	81	298	12	26	7	117	136								
HOUSEHOLD INCOME IN 1979																					
Less than \$5,000	3 159	481	7	28	23	99	324	2 678	12	6	23	672	1 965								
\$5,000 to \$9,999	2 625	644	27	29	10	188	390	1 981	8	57	54	597	1 265								
\$10,000 to \$12,499	760	279	—	39	18	91	131	481	—	15	—	211	255								
\$12,500 to \$14,999	420	190	16	62	11	54	47	230	—	3	20	95	112								
\$15,000 to \$19,999	596	363	20	92	43	167	41	233	—	13	29	96	95								
\$20,000 to \$24,999	387	275	14	93	22	111	35	112	—	21	—	45	46								
\$25,000 to \$34,999	233	196	7	16	63	94	16	37	—	—	—	7	30								
\$35,000 to \$49,999	84	65	—	23	5	22	15	19	—	—	—	4	15								
\$50,000 or more	72	42	—	6	6	—	30	30	—	—	—	14	16								
Median	\$6 649	\$11 277	\$14 297	\$16 324	\$17 750	\$14 120	\$6 944	\$5 475	\$4 583	\$9 714	\$9 103	\$6 556	\$4 892								
Mean	\$9 535	\$14 058	\$13 606	\$17 233	\$19 763	\$14 831	\$11 167	\$7 558	\$5 931	\$12 389	\$10 047	\$7 991	\$7 140								
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS																					
Specified owner-occupied housing units	6 330	1 775	54	253	129	597	742	4 555	1	84	96	1 351	3 023								
With a mortgage	1 040	498	41	204	78	136	39	542	1	69	56	232	184								
Less than \$200	384	160	7	40	12	68	33	224	—	11	6	104	103								
\$200 to \$249	186	83	5	41	12	25	—	103	—	6	11	45	41								
\$250 to \$299	153	74	—	39	13	21	1	79	—	14	18	41	6								
\$300 to \$349	100	58	9	30	9	5	5	42	—	6	7	9	20								
\$350 to \$399	99	48	12	22	14	—	—	51	1	13	14	14	9								
\$400 to \$449	82	45	8	19	6	12	—	37	—	13	—	19	5								
\$500 to \$599	19	19	—	8	6	5	—	—	—	—	—	—	—								
\$600 to \$749	—	—	—	—	—	—	—	—	—	—	—	—	—								
\$750 or more	17	11	—	5	6	—	—	6	—	—	—	—	—								
Median	\$237	\$254	\$347	\$277	\$311	\$200	\$164	\$223	\$375	\$329	\$281	\$213	\$192								
Not mortgaged	5 290	1 277	13	49	51	461	703	4 013	—	15	40	1 119	2 839								
Less than \$50	301	127	6	—	20	28	73	174	—	—	—	21	153								
\$50 to \$74	1 268	243	—	7	9	60	167	1 025	—	4	—	219	802								
\$75 to \$99	1 791	458	7	26	17	174	234	1 333	—	5	5	373	950								
\$100 to \$124	1 049	236	—	8	5	113	110	813	—	—	24	271	518								
\$125 to \$149	452	117	—	8	—	53	56	335	—	6	5	108	216								
\$150 to \$199	340	67	—	—	27	40	273	—	—	6	—	6	108	159							
\$200 to \$249	69	28	—	—	6	22	41	—	—	—	—	—	13	28							
\$250 or more	20	1	—	—	—	1	19	—	—	—	—	6	13								
Median	\$90	\$90	\$77	\$92	\$65	\$95	\$87	\$90	—	\$92	\$116	\$96	\$87								
SELECTED CHARACTERISTICS																					
Median selected monthly owner costs as percentage of household income in 1979	19.6	13.7	26.7	18.3	15.4	10—	14.7	22.2	50+	23.3	25.9	21.1	22.4								
With a mortgage	27.7	21.1	30.4	20.9	23.3	17.8	22.7	35.3	50+	24.6	28.8	34.4	42.9								
Not mortgaged	18.2	11.2	10—	10—	10—	10—	14.5	20.7	—	13.5	14.5	18.7	21.4								
Income in 1979 below poverty level	1 796	275	7	28	11	60	169	1 521	6	6	18	490	1 001								
Percent below poverty level	21.5	10.8	7.7	7.2	5.5	7.3	16.4	26.2	30.0	5.2	14.3	28.1	26.3								
Renter-occupied housing units	7 383	2 757	511	702	330	593	621	4 626	347	490	148	1 156	2 485								
PLUMBING FACILITIES																					
Complete plumbing for exclusive use	6 872	2 396	474	651	310	497	464	4 476	318	490	142	1 093	2 433								
Locking complete plumbing for exclusive use	511	361	37	51	20	96	157	150	—	—	6	63	52								
UNITS IN STRUCTURE																					
1, detached or attached	1 642	766	132	237	47	181	169	876	68	125	32	264	387								
2	1 320	385	78	68	80	81	78	935	41	161	22	264	447								
3 and 4	1 107	373	84	100	50	81	58	734	59	69	55	269	282								
5 to 9	954	418	117	106	49	81	65	536	84	77	16	139	220								
10 to 49	940	479	67	129	89	112	82	461	70	48	16	89	238								
50 or more	1 269	235	11	14	6	49	155	1 034	6	3	126	899	899								
Mobile home or trailer, etc.	151	101	22	48	9	8	14	50	19	7	7	5	12	12							
HOUSEHOLD INCOME IN 1979																					
Less than \$5,000	3 343	776	96	66	53	233	328	2 567	128	40	68	554	1 777								
\$5,000 to \$9,999	1 992	692	190	96	56	130	220	1 300	130	147	42	431	550								
\$10,000 to \$12,499	636	276	89	129	11	29	18	360	57	165	13	65	60								
\$12,500 to \$14,999	374	214	36	118	3	40	17	160	12	63	8	46	31								
\$15,000 to \$19,999	627	462	66	226	91	68	11	165	15	51	12	38	49								
\$20,000 to \$24,999	203	165	19	35	48	47	16	38	5	8	—	12	13								
\$25,000 to \$34,999	167	134	15	20	54	34	11	33	—	16	5	7	5								
\$35,000 to \$49,999	19	19	—	6	6	7	—	—	—	—	—	—	—								
\$50,000 or more	22	19	—	6	8	5	—	3	—	—	—	—	3								
Median	\$5 774	\$9 368	\$9 189	\$13 771	\$17 550	\$6 960	\$4 806	\$4 657	\$6 223	\$10 879	\$5 750	\$5 269	\$4 054								
Mean	\$7 919	\$11 152	\$9 729	\$14 338	\$17 382	\$10 273	\$6 252	\$5 992	\$6 998	\$10 869	\$6 446	\$6 315	\$4 713								
GROSS RENT																					
Specified renter-occupied housing units	7 156	2 631	489	662	327	555	598	4 525	347	485	148	1 118	2 427								
Less than \$100	1 937	434	34	29	38	112	22														

Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Otoe ore estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

The SMSA				The SMSA					
	Total	Less than 2 months	2 up to 6 months	6 or more months		Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units				Vacant for rent housing units				1 457	
ROOMS	525	112	159	254	ROOMS	91	30	33	28
1 to 3 rooms	27	—	5	22	2 rooms	85	26	26	33
4 rooms	78	23	18	37	3 rooms	375	114	141	120
5 rooms	95	33	35	27	4 rooms	444	160	170	114
6 rooms	240	43	74	123	5 rooms	276	109	72	95
7 rooms	32	—	15	17	6 rooms	132	12	84	36
8 or more rooms	53	13	12	28	7 or more rooms	54	11	6	37
Median	5.8	5.5	5.8	5.8	Median	3.9	3.9	3.9	3.9
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	497	112	159	226	Complete plumbing for exclusive use	1 336	430	502	404
Locking complete plumbing for exclusive use	28	—	—	28	Locking complete plumbing for exclusive use	121	32	30	59
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	100	30	40	30
1	40	—	11	29	1	521	122	218	181
2	122	40	39	43	2	613	234	203	176
3	305	62	99	144	3	169	70	56	43
4	42	—	10	32	4	37	6	11	20
5 or more	16	10	—	6	5 or more	17	—	4	13
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	79	34	17	28	1975 to March 1980	121	66	27	28
1970 to 1974	25	10	7	8	1970 to 1974	93	42	42	9
1960 to 1969	49	20	13	16	1960 to 1969	147	53	29	65
1950 to 1959	74	5	26	43	1950 to 1959	62	18	21	23
1940 to 1949	77	—	24	53	1940 to 1949	182	51	64	67
1939 or earlier	221	43	72	106	1939 or earlier	852	232	349	271
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	444	95	133	216	1, detached or attached	497	116	172	209
2 or more	62	6	19	37	2	242	68	105	69
Mobile home or trailer	19	11	7	1	3 and 4	262	79	92	91
HEATING EQUIPMENT					5 to 9	142	50	63	29
Central heating system	452	100	139	213	10 to 49	146	66	61	19
Other means	64	12	15	37	50 or more	66	27	17	22
None	9	—	5	4	Mobile home or trailer	102	56	22	24
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	438	94	131	213	Specified vacant for rent housing units	1 438	447	532	459
Less than \$10,000	43	—	20	23	Less than \$100	345	70	154	121
\$10,000 to \$19,999	59	28	—	31	\$100 to \$149	423	119	151	153
\$20,000 to \$29,999	64	8	24	32	\$150 to \$199	345	142	133	70
\$30,000 to \$39,999	57	5	11	41	\$200 to \$249	194	58	71	65
\$40,000 to \$49,999	88	15	22	51	\$250 to \$299	96	47	21	28
\$50,000 to \$59,999	68	32	22	14	\$300 to \$399	27	11	2	14
\$60,000 to \$79,999	37	6	25	6	\$400 or more	8	—	—	8
\$80,000 to \$99,999	22	—	7	15	Median	\$138	\$157	\$124	\$124
\$100,000 or more	—	—	—	—					
Median	\$39 500	\$45 500	\$46 800	\$37 200					

Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Otoe ore estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

The SMSA				Price asked—Specified vacant for sale only housing units								Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)		Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)				
Total	438	43	123	145	127	—	39 500	1 438	345	768	290	27	8	138					
PLUMBING FACILITIES																			
Complete plumbing for exclusive use	416	27	117	145	127	—	41 300	1 318	284	709	290	27	8	149					
Locking complete plumbing for exclusive use	22	16	6	—	—	—	10000—	120	61	59	—	—	—	89					
BEDROOMS																			
None	—	—	—	—	—	—	—	100	33	67	—	—	—	—	113				
1	9	9	—	—	—	—	10000—	521	173	244	85	19	—	—	119				
2	97	10	40	32	15	—	26 800	613	119	320	163	3	8	—	155				
3	275	24	69	99	83	—	42 400	156	18	116	20	2	—	—	148				
4	41	—	14	8	19	—	49 100	31	2	13	13	3	—	—	201				
5 or more	16	—	—	6	10	—	56 000	17	—	8	9	—	—	—	201				
YEAR STRUCTURE BUILT																			
1975 to March 1980	71	—	—	28	43	—	52 200	121	25	28	50	18	—	—	209				
1970 to 1974	9	—	—	—	9	—	84 400	93	16	58	19	—	—	—	151				
1960 to 1969	44	—	12	6	26	—	52 500	147	71	29	47	—	—	—	113				
1950 to 1959	74	—	14	30	30	—	39 600	52	17	27	6	2	—	—	109				
1940 to 1949	77	14	31	23	9	—	28 200	179	23	110	46	—	—	—	129				
1939 or earlier	163	29	66	58	10	—	26 800	846	193	516	122	7	8	—	138				
UNITS IN STRUCTURE																			
1, detached or attached	438	43	123	145	127	—	39 500	478	111	261	94	4	8	—	130				
2 or more	...	...	...	...	...	...	...	858	202	466	167	23	—	—	143				
Mobile home or trailer	...	...	...	...	...	...	...	102	32	41	29	—	—	—	128				

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

## Wheeling city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	8 473	213	889	1 253	1 517	1 517	1 128	1 149	442	283	82	42 100	46 600
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	5 817	133	404	736	1 017	1 039	868	902	393	257	68	45 500	50 600
15 to 24 years	119	—	—	26	20	46	21	6	—	—	—	44 000	42 000
25 to 34 years	990	—	76	87	189	236	155	163	58	26	—	46 000	49 000
35 to 44 years	946	21	—	100	134	182	154	178	113	44	20	51 700	57 900
45 to 64 years	2 538	54	216	268	458	400	371	378	182	167	44	46 400	53 000
65 years and over	1 224	58	112	235	216	175	167	177	40	20	4	38 600	42 000
Male householder, no wife present	608	27	123	119	89	97	59	79	6	9	—	34 600	36 800
15 to 24 years	23	—	7	6	—	6	—	4	—	—	—	26 900	35 800
25 to 34 years	79	—	23	18	7	11	14	—	6	—	—	27 300	35 600
35 to 44 years	70	5	11	9	5	11	—	24	—	5	—	42 300	44 700
45 to 64 years	178	5	53	32	32	25	12	15	—	4	—	27 400	34 200
65 years and over	258	17	29	54	45	44	33	36	—	—	—	36 900	36 900
Female householder, no husband present	2 048	53	362	398	411	381	201	168	43	17	14	35 200	38 300
15 to 24 years	—	—	—	—	—	—	—	—	—	—	—	—	—
25 to 34 years	88	—	18	17	10	20	7	8	8	—	—	39 500	41 100
35 to 44 years	127	—	5	—	11	49	25	13	13	11	—	44 800	57 300
45 to 64 years	698	29	102	133	136	154	64	64	10	6	—	36 100	37 700
65 years and over	1 135	24	237	248	254	158	105	83	12	—	14	32 300	36 300
Median age	55.7	63.5	62.2	61.5	57.5	52.5	55.0	52.6	46.7	51.4	48.9	...	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	568	—	35	59	46	117	111	111	65	13	11	52 300	56 700
1975 to 1978	1 397	38	119	176	250	306	145	168	112	75	8	42 900	49 200
1970 to 1974	1 345	19	109	217	229	190	236	170	67	90	18	45 400	50 300
1960 to 1969	1 870	44	203	264	318	279	235	327	120	58	22	42 800	48 300
1959 or earlier	3 293	112	423	537	674	625	401	373	78	47	23	38 400	41 400
<b>ROOMS</b>													
1 to 3 rooms	53	—	11	31	11	—	—	—	—	—	—	25 500	25 400
4 rooms	771	84	249	166	126	63	74	9	—	—	—	22 100	26 000
5 rooms	1 704	48	246	382	330	423	157	111	7	—	—	34 500	35 600
6 rooms	2 987	74	281	443	757	572	439	322	87	12	—	39 200	41 100
7 rooms	1 455	7	28	196	161	315	293	311	97	41	6	50 500	52 200
8 or more rooms	1 503	—	74	35	132	144	165	396	251	230	76	68 800	76 100
Median	6.1	5.0	5.3	5.6	5.9	6.0	6.3	6.9	7.8	8.3	8.5+	...	...
<b>BEDROOMS</b>													
None	4	—	4	—	—	—	—	—	—	—	—	12 500	12 500
1	219	10	57	100	22	17	6	—	7	—	—	24 100	26 700
2	2 413	119	468	492	492	425	249	119	33	16	—	32 600	34 200
3	4 202	77	294	522	869	810	708	693	148	75	6	44 000	45 900
4	1 252	7	59	111	100	223	138	235	226	134	19	58 700	64 600
5 or more	383	—	7	28	34	42	27	102	28	58	57	67 400	86 000
<b>YEAR STRUCTURE BUILT</b>													
1975 to March 1980	239	—	—	18	5	23	47	80	32	28	6	63 300	71 700
1970 to 1974	196	—	—	14	25	30	35	41	31	20	—	55 700	63 000
1960 to 1969	766	—	16	52	128	97	120	191	102	43	17	57 100	61 500
1950 to 1959	1 204	12	25	89	183	294	232	230	82	52	5	50 000	53 800
1940 to 1949	711	17	95	65	59	161	129	110	40	22	13	47 200	50 400
1939 or earlier	5 357	184	753	1 015	1 117	912	565	497	155	118	41	36 200	40 700
<b>HOUSEHOLD INCOME IN 1979</b>													
Less than \$5,000	771	43	220	169	138	103	49	34	7	4	4	25 600	30 900
\$5,000 to \$9,999	1 203	36	154	325	231	243	147	48	14	5	—	34 600	35 600
\$10,000 to \$12,499	574	19	126	115	106	74	70	44	7	13	—	33 000	36 000
\$12,500 to \$14,999	611	43	85	94	161	107	46	46	22	7	—	35 100	37 000
\$15,000 to \$19,999	1 189	17	144	164	276	252	161	137	28	10	—	39 700	41 300
\$20,000 to \$24,999	1 257	33	56	211	207	294	242	171	22	21	—	44 200	44 200
\$25,000 to \$34,999	1 560	22	52	108	270	296	232	281	135	38	26	50 900	55 100
\$35,000 to \$49,999	793	—	37	53	116	117	92	211	85	76	6	57 900	61 900
\$50,000 or more	515	—	15	14	12	31	89	77	122	109	46	82 400	88 500
Median	\$19 537	\$12 994	\$11 399	\$12 965	\$17 303	\$19 477	\$21 569	\$27 769	\$33 998	\$42 962	\$52 881	...	...
Mean	\$22 343	\$13 799	\$13 630	\$15 765	\$18 755	\$20 316	\$23 101	\$29 265	\$37 310	\$47 137	\$69 721	...	...
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	3 728	25	239	487	617	696	531	609	283	182	59	46 900	52 800
Less than 15 percent	1 619	17	71	259	286	292	182	247	166	79	20	45 500	52 700
15 to 19 percent	667	—	21	67	130	131	107	141	49	8	13	48 200	52 900
20 to 24 percent	599	—	52	53	71	92	110	147	27	25	22	51 800	57 100
25 to 29 percent	332	8	17	7	62	72	79	43	22	22	—	50 000	54 300
30 to 34 percent	114	—	6	13	8	42	22	7	6	10	—	45 000	52 200
35 percent or more	369	—	72	82	53	56	31	24	13	38	—	35 800	44 900
Not computed	28	—	—	6	7	11	—	—	—	—	4	40 500	56 000
Median	16.7	13.1	22.6	14.4	15.7	16.9	18.9	17.0	13.4	20.8	17.9	...	...
Not mortgaged	4 745	188	650	766	900	821	597	540	159	101	23	38 500	41 800
Less than 10 percent	2 859	103	314	301	576	524	386	422	132	88	13	42 300	45 800
10 to 14 percent	775	30	99	211	167	105	96	37	14	6	10	33 800	38 000
15 to 19 percent	429	34	65	111	68	74	42	29	6	—	—	30 900	33 800
20 to 24 percent	269	11	45	58	40	64	32	12	—	—	—	33 700	36 000
25 to 29 percent	151	—	61	37	15	16	8	14	—	—	—	23 500	29 500
30 to 34 percent	42	—	7	6	6	11	12	—	—	—	—	52 500	49 900
35 percent or more	200	10	66	41	20	20	22	14	7	—	—	24 000	31 200
Not computed	20	—	—	—	8	12	—	—	—	—	—	40 800	40 500
Median	10—	10—	10.6	11.9	10—	10—	10—	10—	10—	10—	10—	...	...
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	8 464	213	880	1 253	1 517	1 517	1 128	1 149	442	283	82	42 200	46 700
1.01 or more persons per room	71	—	18	31	8	9	5	—	—	—	—	28 600	28 600
Lacking complete plumbing for exclusive use	9	—	9	—	—	—	—	—	—	—	—	12 500	12 500
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	8 469	213	889	1 253	1 513	1 517	1 128	1 149	442	283	82	42 100	46 600
Central heating system	7 718	124	635	1 051	1 416	1 436	1 111	1 143	437	283	82	43 900	48 900
Air conditioning	4 403	46	230	454	794	872	670	720	318	242	57	47 400	53 500
Income in 1979 below poverty level	1 376	—	11	74	165	227	147	354	204	147	47	63 400	68 900
Percent below poverty level	479	10	143	100	68	95	45	5	—	9	4	27 600	33 000
	5.7	4.7	16.1	8.0	4.5	6.3	4.0	0.4	—	3.2	4.9	...	...

Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

## Wheeling city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	7 100	1 265	1 171	1 374	1 253	945	443	112	114	67	356	184
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	2 303	77	263	481	497	422	262	39	67	38	157	224
15 to 24 years	476	6	21	95	172	97	69	—	5	—	11	231
25 to 34 years	639	17	54	95	147	150	122	16	8	12	18	249
35 to 44 years	245	—	40	43	15	39	45	8	19	8	28	259
45 to 64 years	500	17	56	97	124	80	19	10	29	13	55	220
65 years and over	443	37	92	151	39	56	7	5	6	5	45	169
Male householder, no wife present	1 423	217	352	310	237	198	34	12	25	5	33	169
15 to 24 years	237	16	46	59	61	33	4	—	13	5	—	199
25 to 34 years	370	15	72	86	105	53	25	—	5	—	9	203
35 to 44 years	190	11	43	57	24	55	—	—	—	—	—	176
45 to 64 years	274	61	79	56	18	37	5	5	7	—	6	139
65 years and over	352	114	112	52	29	20	7	—	—	—	18	123
Female householder, no husband present	3 374	971	556	583	519	325	147	61	22	24	166	157
15 to 24 years	345	79	67	90	58	21	23	7	—	—	—	175
25 to 34 years	564	60	41	112	161	102	60	6	4	—	18	225
35 to 44 years	310	67	49	37	46	63	6	20	—	4	18	190
45 to 64 years	817	182	200	151	77	95	30	18	6	5	53	150
65 years and over	1 338	583	199	193	177	44	28	10	12	15	77	112
Median age	47.9	68.5	57.0	46.1	33.1	35.6	29.5	43.3	46.5	53.8	59.3	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	2 682	291	279	498	563	560	272	87	61	24	47	223
1975 to 1978	2 167	399	372	466	390	267	145	10	48	15	55	181
1970 to 1974	960	320	199	208	124	49	22	6	—	4	28	126
1960 to 1969	733	146	197	123	112	54	4	—	—	18	79	147
1959 or earlier	558	109	124	79	64	15	—	9	5	6	147	143
<b>ROOMS</b>												
1 room	416	224	110	43	21	6	—	—	12	—	—	94
2 rooms	770	287	208	163	60	25	12	—	—	15	115	...
3 rooms	1 895	410	329	463	418	165	25	25	—	—	60	169
4 rooms	1 951	208	274	419	373	396	154	29	18	15	65	205
5 rooms	1 208	110	175	211	245	211	131	30	15	19	61	221
6 rooms	589	16	58	61	100	120	107	10	36	4	77	259
7 or more rooms	271	10	17	14	36	22	14	18	33	29	78	296
Median	3.7	2.8	3.3	3.5	3.8	4.2	4.7	4.6	5.8	5.5	5.1	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979</b>												
All income levels in 1979	7 100	1 265	1 171	1 374	1 253	945	443	112	114	67	356	184
Complete plumbing for exclusive use	6 843	1 184	1 085	1 353	1 224	931	443	112	107	67	337	186
0.50 or less	4 208	769	740	815	715	535	217	51	60	47	259	177
0.51 to 1.00	2 375	391	292	507	446	351	209	40	47	20	72	197
1.01 to 1.50	220	24	53	20	34	45	17	21	—	6	209	...
1.51 or more	40	—	—	11	29	—	—	—	—	—	—	208
Lacking complete plumbing for exclusive use	257	81	86	21	29	14	—	—	7	—	19	118
0.50 or less	131	31	37	21	20	3	—	—	—	—	19	128
0.51 to 1.00	120	50	43	—	9	11	—	—	7	—	—	105
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	6	—	6	—	—	—	—	—	—	—	—	135
Income in 1979 below poverty level	1 906	730	294	305	232	163	64	6	23	9	80	127
Complete plumbing for exclusive use	1 760	668	254	299	221	157	64	6	16	9	66	134
1.01 or more persons per room	133	24	31	—	35	32	5	6	—	—	—	210
Lacking complete plumbing for exclusive use	146	62	40	6	11	6	—	—	7	—	14	102
1.01 or more persons per room	6	—	6	—	—	—	—	—	—	—	—	135
<b>BEDROOMS</b>												
None	459	224	121	65	31	6	—	—	12	—	—	102
1	3 255	748	666	749	629	299	62	22	—	—	80	163
2	2 316	202	262	434	427	469	287	39	37	34	125	223
3	930	81	117	116	166	159	88	33	53	10	107	235
4	95	10	5	10	—	6	6	18	12	8	20	351
5 or more	45	—	—	—	—	6	—	—	—	15	24	500+
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	1 348	42	135	223	237	204	156	52	56	30	213	239
2	1 584	97	267	376	373	280	54	31	11	12	83	201
3 and 4	1 372	153	246	362	262	202	92	10	29	—	16	186
5 to 9	1 077	241	218	245	161	117	75	7	—	—	13	165
10 to 49	679	161	104	79	111	105	62	5	13	25	14	197
50 or more	997	571	185	82	98	37	—	7	5	—	12	90
Mobile home or trailer, etc.	43	—	16	7	11	—	4	—	—	—	5	154
<b>YEAR STRUCTURE BUILT</b>												
1975 to March 1980	429	135	52	66	64	46	42	—	5	13	6	166
1970 to 1974	431	259	56	34	54	23	—	—	5	5	—	86
1960 to 1969	596	200	64	33	51	101	87	8	13	14	25	183
1950 to 1959	398	87	62	54	100	41	14	9	24	7	—	196
1940 to 1949	961	218	104	222	153	157	47	10	24	5	21	188
1939 or earlier	4 285	366	833	965	831	577	253	85	48	23	304	190
<b>STORIES IN STRUCTURE</b>												
1 to 3	5 788	651	907	1 215	1 099	883	408	105	109	67	344	198
4 or more	1 312	614	264	159	154	62	35	7	5	—	12	110
With elevator	1 029	586	186	82	114	37	—	7	5	—	—	90
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>												
Less than 15 percent	1 463	326	339	332	199	176	68	5	4	14	—	162
15 to 19 percent	1 133	180	212	239	171	192	116	—	11	12	—	186
20 to 24 percent	1 072	286	131	163	214	159	59	28	25	7	—	187
25 to 29 percent	526	171	63	102	115	36	20	10	9	—	—	170
30 to 34 percent	402	85	66	68	125	30	23	—	—	5	—	177
35 to 49 percent	916	128	195	157	166	146	65	32	12	15	—	194
50 percent or more	1 069	44	137	267	242	201	79	37	48	14	—	214
Not computed	519	45	28	46	21	5	13	—	5	—	356	162
Median	23.2	21.8	20.8	22.9	26.4	23.2	22.6	38.2	42.8	30.5	—	—
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	7 085	1 265	1 161	1 374	1 253	940	443	112	114	67	356	184
Central heating system	5 352	1 056	687	898	989	788	387	106	114	67	260	194
Air conditioning	2 478	340	323	451	522	343	212	50	44	57	136	205
Central system	519	93	28	58	69	90	75	7	26	49	24	249

Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

## Wheeling city

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
Owner-occupied housing units	9 935	971	1 449	712	751	1 424	1 384	1 785	867	592	18 818	22 072	621
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>													
Married-couple families	6 591	205	521	323	502	1 044	1 188	1 524	761	523	22 426	26 265	176
15 to 24 years	147	—	11	4	—	75	46	6	5	—	19 175	19 143	—
25 to 34 years	1 097	13	20	57	58	240	339	296	65	9	22 293	22 772	18
35 to 44 years	1 072	40	42	6	41	172	184	326	132	129	26 170	30 489	61
45 to 64 years	2 882	30	68	141	224	363	493	742	490	331	26 488	30 661	37
65 years and over	1 393	122	380	115	179	194	126	154	69	54	13 610	17 418	60
Male householder, no wife present	776	97	142	112	56	83	85	113	38	50	14 152	19 802	43
15 to 24 years	28	7	6	5	—	10	—	—	—	—	10 500	9 991	7
25 to 34 years	136	—	15	17	31	20	27	10	10	6	16 563	19 021	—
35 to 44 years	87	7	5	11	4	—	9	40	5	6	25 938	23 281	3
45 to 64 years	215	17	27	20	14	31	13	63	16	14	19 821	22 753	10
65 years and over	310	66	89	59	7	22	36	—	7	24	10 000	18 008	23
Female householder, no husband present	2 568	669	786	277	193	297	111	148	68	19	8 892	11 997	402
15 to 24 years	13	6	7	—	—	—	—	—	—	—	7 679	6 423	6
25 to 34 years	120	10	28	13	11	34	8	13	3	—	14 545	15 069	24
35 to 44 years	185	20	43	16	30	52	14	10	—	—	13 625	13 215	20
45 to 64 years	868	161	277	111	71	101	58	63	11	15	9 931	12 545	148
65 years and over	1 382	472	431	137	81	110	31	62	54	4	7 370	11 274	204
Median age	56.0	69.6	68.6	62.5	57.9	50.6	47.3	50.5	52.9	55.1	... ...	...	63.1
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>													
1979 to March 1980	728	37	40	49	65	148	124	160	66	39	20 687	24 294	33
1975 to 1978	1 729	106	170	93	125	308	380	317	124	106	20 797	22 939	116
1970 to 1974	1 585	72	210	100	142	285	224	301	120	131	19 752	24 138	75
1960 to 1969	2 119	192	236	131	122	276	261	520	248	133	21 516	24 799	136
1959 or earlier	3 774	564	793	339	297	407	395	487	309	183	14 108	18 847	261
<b>SELECTED CHARACTERISTICS</b>													
Complete plumbing for exclusive use	9 902	956	1 445	712	751	1 417	1 380	1 782	867	592	18 851	22 106	621
1.01 or more persons per room	89	—	—	15	10	6	7	19	22	10	27 596	34 515	—
Locking complete plumbing for exclusive use	33	15	4	—	—	7	4	3	—	—	8 438	11 726	—
1.01 or more persons per room	3	—	—	—	—	—	—	3	—	—	28 750	29 815	—
Hearing equipment	9 927	967	1 449	712	751	1 424	1 380	1 785	867	592	18 818	22 079	617
Central heating system	8 922	754	1 190	597	647	1 290	1 307	1 696	853	588	19 934	23 133	488
Air conditioning	5 129	250	536	305	360	842	779	1 056	572	429	21 273	25 517	190
Central system	1 630	57	138	42	100	184	197	388	249	275	27 524	32 614	49
Vehicles available	8 599	424	952	610	695	1 359	1 361	1 745	861	592	20 782	24 316	329
1	3 872	326	808	456	420	660	592	408	121	81	14 560	17 012	224
2 or more	4 727	98	144	154	275	699	769	1 337	740	511	26 473	30 298	105
House heating fuel	9 927	967	1 449	712	751	1 424	1 380	1 785	867	592	18 818	22 079	617
Utility gas	9 114	907	1 375	628	684	1 314	1 264	1 594	808	540	18 662	21 850	562
Bottled, tank, or LP gas	10	—	5	—	—	—	5	—	—	—	13 750	13 468	—
Electricity	698	32	63	71	51	107	98	165	59	52	20 812	26 234	37
Fuel oil, kerosene, etc.	55	15	—	3	16	3	—	18	—	—	13 984	15 932	12
Other	50	13	6	10	—	—	13	8	—	—	11 500	14 343	6
Median rooms	6.0	5.3	5.5	5.7	5.7	5.8	6.1	6.4	6.7	7.6	... ...	... ...	5.3
Specified owner-occupied housing units	8 473	771	1 203	574	611	1 189	1 257	1 560	793	515	19 537	22 343	479
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS</b>													
With a mortgage	3 728	170	230	177	208	649	708	877	436	273	22 509	25 979	142
Less than \$200	684	84	78	37	60	128	102	122	66	7	18 645	19 328	65
\$200 to \$249	741	16	32	81	49	125	157	177	72	32	21 758	23 777	15
\$250 to \$299	658	19	56	20	58	146	170	101	64	24	20 862	22 372	12
\$300 to \$349	441	31	26	24	20	52	64	124	71	29	24 234	26 904	25
\$350 to \$399	317	8	18	8	8	86	47	109	25	8	22 937	23 936	8
\$400 to \$449	466	8	7	—	5	85	135	119	49	58	23 333	31 745	8
\$450 to \$599	183	—	—	—	—	14	16	91	25	37	31 539	39 026	—
\$600 to \$749	153	—	8	7	8	13	17	34	32	34	29 531	35 359	—
\$750 or more	85	4	5	—	—	—	—	—	32	44	44 383	52 867	9
Median	\$283	\$203	\$254	\$232	\$245	\$274	\$278	\$316	\$311	\$470	... ...	... ...	\$220
Not mortgaged	4 745	601	973	397	403	540	549	683	357	242	14 991	19 486	337
Less than \$50	45	16	17	—	—	5	—	—	7	—	5 956	12 735	16
\$50 to \$74	808	192	267	90	74	89	43	43	10	—	8 917	10 841	93
\$75 to \$99	1 611	210	414	126	204	195	171	192	57	42	13 180	16 019	102
\$100 to \$124	1 278	95	220	108	61	147	215	239	128	65	20 153	21 448	80
\$125 to \$149	526	32	29	55	42	65	84	121	62	36	22 128	24 016	25
\$150 to \$199	348	41	26	18	15	38	19	52	83	56	28 661	33 980	21
\$200 to \$249	89	15	—	—	6	12	26	6	24	31	212	30 984	—
\$250 or more	40	—	—	7	—	—	10	4	19	47	093	67 430	—
Median	\$99	\$86	\$87	\$97	\$91	\$98	\$106	\$111	\$120	\$135	... ...	... ...	\$90
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>													
With a mortgage	3 728	170	230	177	208	649	708	877	436	273	22 509	25 979	142
Less than 15 percent	1 619	—	4	5	27	177	345	501	329	231	29 417	34 902	7
15 to 19 percent	667	—	—	22	45	167	150	213	43	27	22 572	24 643	—
20 to 24 percent	599	—	48	47	80	131	100	136	42	15	19 654	21 912	8
25 to 29 percent	332	13	7	57	35	96	80	22	—	—	18 056	18 501	6
30 to 34 percent	114	—	31	13	8	41	16	5	—	—	15 417	14 628	—
35 percent or more	369	129	140	33	13	37	17	—	—	—	6 713	8 055	93
Not computed	28	28	—	—	—	—	—	—	—	—	2500	—	28
Median	16.7	50+	38.6	26.3	22.0	19.4	15.3	13.9	10—	10—	... ...	... ...	50+
Not mortgaged	4 745	601	973	397	403	540	549	683	357	242	14 991	19 486	337
Less than 10 percent	2 859	—	101	169	302	483	537	668	357	242	22 969	27 436	8
10 to 14 percent	775	16	428	161	86	57	12	15	—	—	9 531	10 481	20
15 to 19 percent	429	50	315	56	8	—	—	—	—	—	6 780	7 078	13
20 to 24 percent	269	160	91	11	7	—	—	—	—	—	4 602	5 377	71
25 to 29 percent	151	117	34	—	—	—	—	—	—	—	4 065	4 322	37
30 to 34 percent	42	38	4	—	—	—	—	—	—	—	3 882	4 044	31
35 percent or more	200	20	—	—	—	—	—	—	—	—	2 984	2 976	137
Not computed	20	20	—	—	—	—	—	—	—	—	2500	—	20
Median	10—	27.8	14.5	10.9	10—	10—	10—	10—	10—	10—	... ...	... ...	31.5

Table B-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

Wheeling city	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
	7 166	2 311	1 864	682	497	736	504	441	69	62	8 440	10 953	1 915
Renter-occupied housing units	7 166	2 311	1 864	682	497	736	504	441	69	62	8 440	10 953	1 915
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	2 348	218	561	274	190	390	318	306	48	43	14 092	16 089	284
15 to 24 years	481	51	126	49	48	105	57	30	—	15	13 255	14 930	84
25 to 34 years	639	53	37	73	36	149	119	137	27	8	19 131	18 942	59
35 to 44 years	259	22	44	41	19	22	43	50	10	8	15 875	18 744	22
45 to 64 years	507	33	96	60	62	91	74	74	11	6	15 086	17 066	59
65 years and over	462	59	258	51	25	23	25	15	—	6	8 307	10 789	60
Male householder, no wife present	1 431	409	413	102	112	172	110	83	11	19	8 881	11 679	315
15 to 24 years	237	60	89	26	9	23	15	15	—	—	7 939	9 542	63
25 to 34 years	378	21	64	52	78	91	38	28	—	6	14 167	16 437	21
35 to 44 years	190	32	52	—	—	37	32	23	6	8	17 500	17 623	25
45 to 64 years	274	121	78	9	15	16	19	6	5	5	5 816	9 268	101
65 years and over	352	175	130	15	10	5	6	11	—	—	5 056	6 675	105
Female householder, no husband present	3 387	1 684	890	306	195	174	76	52	10	—	5 049	7 085	1 316
15 to 24 years	345	155	90	63	20	12	—	5	—	—	5 583	6 714	151
25 to 34 years	564	191	171	81	33	45	12	21	10	—	7 446	9 105	215
35 to 44 years	314	131	103	38	18	19	—	5	—	—	6 413	7 172	155
45 to 64 years	817	378	236	55	61	40	36	11	—	—	5 719	7 376	317
65 years and over	1 347	829	290	69	63	58	28	10	—	—	4 414	6 138	478
Median age	47.9	62.2	56.6	34.8	41.7	32.4	35.9	33.3	31.9	36.3	...	...	54.3
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 689	692	784	281	217	311	174	155	33	42	9 184	11 809	688
1975 to 1978	2 185	705	421	225	173	281	192	154	28	6	9 636	11 545	564
1970 to 1974	968	413	247	88	29	80	61	46	4	—	6 628	8 838	292
1960 to 1969	747	260	263	52	40	30	31	59	4	8	6 730	9 896	174
1959 or earlier	577	241	149	36	38	34	46	27	—	6	6 696	9 633	197
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	6 909	2 140	1 814	677	477	730	504	436	69	62	8 657	11 161	1 769
0.50 or less	4 259	1 371	1 231	438	308	400	198	245	29	39	8 057	10 466	911
0.51 to 1.00	2 390	690	546	192	150	299	278	172	40	23	9 656	12 374	725
1.01 to 1.50	220	74	28	36	19	16	28	19	—	—	10 556	11 332	119
1.51 or more	40	5	9	11	—	15	—	—	—	—	11 364	11 801	14
Lacking complete plumbing for exclusive use	257	171	50	5	20	6	—	5	—	—	3 845	5 351	146
0.50 or less	131	83	34	—	3	6	—	5	—	—	4 049	5 680	76
0.51 to 1.00	120	82	16	5	17	—	—	—	—	—	3 625	5 111	64
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	6	6	—	—	—	—	—	—	—	—	3 750	2 985	6
SELECTED CHARACTERISTICS													
Heating equipment	7 151	2 311	1 854	682	492	736	504	441	69	62	8 431	10 955	1 915
Central heating system	5 392	1 688	1 419	456	369	578	400	378	42	62	8 536	11 380	1 318
Air conditioning	2 498	495	681	284	239	292	231	179	46	51	10 643	13 643	296
Control system	526	112	112	42	54	42	27	66	42	29	12 321	18 159	71
Vehicles available	4 175	596	1 071	435	448	619	449	426	69	62	12 417	14 562	587
1	2 998	544	953	370	340	373	194	156	36	32	10 014	12 199	519
2 or more	1 177	52	118	65	108	246	255	270	33	30	19 989	20 580	68
House heating fuel	7 151	2 311	1 854	682	492	736	504	441	69	62	8 431	10 955	1 915
Utility gas	5 846	1 940	1 468	570	418	578	423	381	32	36	8 302	10 673	1 665
Bottled, tank, or LP gas	30	8	5	—	—	12	—	—	5	20 417	18 519	8	
Electricity	1 193	333	364	112	63	141	62	60	37	21	8 831	12 193	221
Fuel oil, kerosene, etc.	21	6	—	—	8	7	—	—	—	—	16 406	13 576	6
Other	61	24	17	—	11	9	—	—	—	—	6 354	9 150	15
Median rooms	3.8	3.2	3.8	3.9	3.9	4.2	4.3	4.7	4.0	4.0	...	...	3.3
Specified renter-occupied housing units	7 100	2 302	1 845	675	497	725	499	433	62	62	8 417	10 903	1 906
CONTRACT RENT													
Less than \$100	2 073	1 232	462	130	85	45	56	44	19	—	4 423	6 551	952
\$100 to \$149	1 560	481	457	149	124	164	95	84	—	6	8 388	10 255	422
\$150 to \$199	1 613	289	463	235	144	272	102	84	8	16	10 580	12 022	275
\$200 to \$249	887	112	268	77	67	107	127	113	10	6	12 062	14 844	105
\$250 to \$299	370	47	65	24	30	95	62	23	17	7	16 056	16 687	44
\$300 to \$349	135	32	4	20	4	7	26	25	4	13	20 313	20 677	23
\$350 to \$399	58	—	26	—	—	4	10	18	—	—	19 375	17 383	—
\$400 to \$449	40	5	—	5	10	10	—	—	4	6	15 000	24 164	5
\$500 or more	8	—	—	—	—	—	—	—	8	52 076	50 110	—	
No cash rent	356	104	100	35	33	21	21	42	—	—	8 646	11 041	80
Median	\$139	\$89	\$144	\$155	\$157	\$170	\$187	\$192	\$210	\$261	...	...	\$94
GROSS RENT													
Less than \$100	1 265	958	194	49	32	8	14	10	—	—	3 763	4 701	730
\$100 to \$149	1 171	407	414	110	103	40	35	54	8	—	7 452	— 8 762	294
\$150 to \$199	1 374	356	366	205	101	179	104	38	19	6	9 417	10 890	305
\$200 to \$249	1 253	231	398	172	97	188	87	72	—	8	9 970	11 554	232
\$250 to \$299	945	141	230	37	94	200	95	118	16	14	14 215	15 621	163
\$300 to \$349	443	68	81	31	14	65	90	76	11	7	17 455	17 339	64
\$350 to \$399	112	7	34	18	10	10	28	—	—	5	12 083	14 518	6
\$400 to \$449	114	25	24	13	3	4	25	16	4	22	11 538	14 995	23
\$500 or more	67	5	4	5	10	10	—	7	4	22	19 750	30 634	9
No cash rent	356	104	100	35	33	21	21	42	—	—	8 646	11 041	80
Median	\$184	\$117	\$183	\$187	\$197	\$238	\$250	\$258	\$281	\$321	...	...	\$127
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 463	81	149	131	146	234	268	342	58	54	19 834	21 261	108
15 to 19 percent	1 133	133	231	152	113	298	157	37	4	8	13 617	13 913	105
20 to 24 percent	1 072	271	228	213	158	142	48	12	—	—	10 434	10 168	177
25 to 29 percent	526	177	234	66	24	20	5	—	—	—	7 172	7 400	114
30 to 34 percent	402	129	234	34	—	5	—	—	—	—	7 093	6 770	78
35 to 49 percent	916	363	490	35	23	5	—	—	—	—	5 781	5 975	297
50 percent or more	1 069	881	179	9	—	—	—	—	—	—	3 271	3 407	784
Not computed	519	267	100	35	33	21	21	42	—	—	4 693	7 534	243
Median	23.2	44.0	30.7	20.9	18.8	17.0	14.1	11.5	10—	10—	...	...	47.5

Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Wheeling city	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	3 728	684	741	658	441	317	466	183	153	85	283
PERSONS IN UNIT											
1 person	282	99	55	47	41	20	20	—	—	—	238
2 persons	937	179	162	199	113	90	160	22	7	5	282
3 persons	756	160	151	150	81	66	65	21	44	18	272
4 persons	911	121	214	153	104	79	106	45	47	42	289
5 persons	504	79	99	58	75	47	41	57	37	11	311
6 persons	234	46	52	29	15	7	47	24	5	9	283
7 persons	62	—	—	22	—	—	21	6	13	—	457
8 or more persons	42	—	8	—	12	8	6	8	—	—	356
Median	3.35	2.90	3.51	3.05	3.32	3.23	3.32	4.56	4.04	3.96	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	3 100	535	613	543	365	247	399	172	145	81	287
15 to 24 years	102	—	15	19	7	6	55	—	—	406	
25 to 34 years	889	110	150	172	86	96	141	81	34	19	307
35 to 44 years	795	133	141	109	83	93	103	64	47	22	309
45 to 64 years	1 180	237	283	201	183	52	93	27	64	40	267
65 years and over	134	55	24	42	6	—	7	—	—	—	225
Male householder, no wife present	187	36	27	50	15	29	25	5	—	—	280
15 to 24 years	23	—	—	6	7	6	4	—	—	—	339
25 to 34 years	50	8	12	13	8	—	9	—	—	—	269
35 to 44 years	40	—	6	—	—	23	6	5	—	—	380
45 to 64 years	67	21	9	31	—	—	6	—	—	—	256
65 years and over	7	7	—	—	—	—	—	—	—	—	175
Female householder, no husband present	441	113	101	65	61	41	42	6	8	4	255
15 to 24 years	—	—	—	—	—	—	—	—	—	—	—
25 to 34 years	79	6	7	—	28	22	8	—	8	—	347
35 to 44 years	70	19	12	17	7	—	5	6	—	4	262
45 to 64 years	194	42	54	30	20	19	29	—	—	—	252
65 years and over	98	46	28	18	6	—	—	—	—	—	205
Median age	43.0	49.3	46.9	44.0	44.2	37.6	36.1	37.0	42.8	44.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	484	5	37	50	40	85	151	55	45	16	416
1975 to 1978	1 075	131	129	225	128	106	179	69	60	48	321
1970 to 1974	898	126	269	162	123	69	70	39	29	11	267
1960 to 1969	860	262	214	163	106	49	37	13	6	10	239
1959 or earlier	411	160	92	58	44	8	29	7	13	—	225
ROOMS											
1 to 3 rooms	18	—	6	6	—	—	6	—	—	—	275
4 rooms	134	56	20	43	7	8	—	—	—	—	227
5 rooms	593	195	157	69	56	73	37	6	—	—	232
6 rooms	1 330	282	335	241	154	101	186	7	17	7	260
7 rooms	758	109	155	150	99	43	97	65	40	—	288
8 or more rooms	895	42	68	149	125	92	140	105	96	78	385
Median	6.3	5.8	6.1	6.4	6.5	6.3	6.5	7.7	8.0	8.5+	...
YEAR STRUCTURE BUILT											
1975 to March 1980	171	5	—	20	16	29	30	26	31	14	437
1970 to 1974	158	—	22	32	19	35	24	18	8	—	359
1950 to 1969	482	66	122	72	75	41	51	32	6	17	287
1950 to 1959	539	116	95	113	47	55	54	37	22	—	276
1940 to 1949	315	77	49	53	33	11	59	6	18	9	280
1939 or earlier	2 063	420	453	368	251	146	248	64	68	45	272
VALUE											
Less than \$10,000	25	17	—	8	—	—	—	—	—	—	187
\$10,000 to \$19,999	239	63	125	19	26	6	—	—	—	—	223
\$20,000 to \$29,999	487	121	160	131	49	20	6	—	—	—	238
\$30,000 to \$39,999	617	226	142	112	67	46	24	—	—	—	229
\$40,000 to \$49,999	696	174	149	97	73	73	122	8	—	—	263
\$50,000 to \$59,999	531	42	76	127	89	30	119	40	8	—	312
\$60,000 to \$79,999	609	32	70	93	90	97	108	71	43	5	360
\$80,000 to \$99,999	283	5	19	66	31	38	35	40	33	16	377
\$100,000 to \$149,999	182	—	5	10	7	44	13	56	47	632	
\$150,000 or more	59	4	—	6	—	8	11	13	17	606	
Median	\$46 900	\$35 200	\$34 600	\$46 200	\$50 400	\$53 100	\$54 800	\$69 700	\$95 600	\$130 100	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	1 619	461	487	275	175	59	89	37	20	16	236
15 to 19 percent	667	55	88	164	118	91	91	33	14	13	311
20 to 24 percent	599	58	74	109	41	63	107	83	39	25	364
25 to 29 percent	332	20	44	28	26	50	120	—	22	22	398
30 to 34 percent	114	13	6	19	6	20	23	22	5	—	382
35 percent or more	369	67	42	63	57	34	36	8	53	9	311
Not computed	28	10	—	—	18	—	—	—	—	—	311
Median	16.7	11.6	13.1	16.6	16.5	20.7	22.5	21.3	25.8	22.7	...
SELECTED CHARACTERISTICS											
Heating equipment	3 724	684	741	658	441	313	466	183	153	85	283
Steam or hot water system	271	51	19	64	25	8	38	18	23	25	303
Central warm-air furnace or electric heat pump	2 989	535	599	497	386	268	379	147	118	60	286
Other built-in electric units	210	8	58	36	25	25	28	18	12	—	306
Floor, wall, or pipeless furnace	38	15	15	8	—	—	—	—	—	—	213
Other means	216	75	50	53	5	12	21	—	—	—	233
Air conditioning	2 151	336	399	348	268	193	285	119	139	64	299
Central system	657	81	93	57	67	73	95	70	73	48	371
1 or more individual room units	1 494	255	306	291	201	120	190	49	66	16	282
House heating fuel	3 724	684	741	658	441	313	466	183	153	85	283
Utility gas	3 348	666	678	607	408	247	413	133	120	76	277
Bottled, tank, or LP gas	5	—	5	—	—	—	—	—	—	—	225
Electricity	346	8	58	36	33	66	53	50	33	9	379
Fuel oil, kerosene, etc.	8	—	—	8	—	—	—	—	—	—	275
Other	17	10	—	7	—	—	—	—	—	—	192

Table B-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

## Wheeling city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	4 745	45	808	1 611	1 278	526	348	89	40	99
<b>PERSONS IN UNIT</b>										
1 person -----	1 285	18	376	469	223	93	80	21	5	88
2 persons -----	1 978	27	340	756	511	178	119	34	13	96
3 persons -----	770	—	58	239	226	138	69	18	22	110
4 persons -----	388	—	31	104	166	63	24	—	—	109
5 persons -----	200	—	3	29	96	35	21	16	—	118
6 persons -----	96	—	—	14	39	15	28	—	—	122
7 persons -----	19	—	—	—	8	4	7	—	—	134
8 or more persons -----	9	—	—	—	9	—	—	—	—	113
Median -----	2.05	1.67	1.58	1.95	2.31	2.46	2.29	2.19	2.59	...
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>										
Married-couple families -----	2 717	18	308	907	840	372	194	55	23	104
15 to 24 years -----	17	—	17	—	—	—	—	—	—	63
25 to 34 years -----	101	—	8	19	38	17	13	6	—	115
35 to 44 years -----	151	—	—	34	75	14	7	21	—	114
45 to 64 years -----	1 358	7	81	414	448	254	118	17	19	110
65 years and over -----	1 090	11	202	440	279	87	56	11	4	94
Male householder, no wife present -----	421	6	109	148	91	47	20	—	—	91
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	29	—	7	—	8	6	8	—	—	123
35 to 44 years -----	30	—	11	9	10	—	—	—	—	86
45 to 64 years -----	111	—	9	49	30	23	—	—	—	99
65 years and over -----	251	6	82	90	43	18	12	—	—	85
Female householder, no husband present -----	1 607	21	391	556	347	107	134	34	17	93
15 to 24 years -----	—	—	—	—	—	—	—	—	—	—
25 to 34 years -----	9	4	—	—	5	—	—	—	—	102
35 to 44 years -----	57	—	—	7	24	13	6	—	7	122
45 to 64 years -----	504	—	62	218	137	30	50	7	—	97
65 years and over -----	1 037	17	329	331	181	64	78	27	10	88
Median age -----	65.0	70.2	70.5	66.0	60.3	59.6	60.8	57.0	59.5	...
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>										
1979 to March 1980 -----	84	—	4	19	18	30	13	—	—	126
1975 to 1978 -----	322	15	33	118	99	23	16	18	—	99
1970 to 1974 -----	447	—	68	124	148	45	49	6	7	105
1960 to 1969 -----	1 010	—	140	295	350	113	80	28	4	105
1959 or earlier -----	2 882	30	563	1 055	663	315	190	37	29	95
<b>ROOMS</b>										
1 to 3 rooms -----	35	—	11	7	12	—	5	—	—	98
4 rooms -----	637	23	229	199	141	40	5	—	—	83
5 rooms -----	1 111	9	275	504	197	88	38	—	—	88
6 rooms -----	1 657	—	235	601	502	184	105	30	—	100
7 rooms -----	697	7	44	191	255	92	70	31	7	110
8 or more rooms -----	608	6	14	109	171	122	125	28	33	126
Median -----	5.9	4.5	5.1	5.7	6.1	6.2	6.8	7.0	8.5	...
<b>YEAR STRUCTURE BUILT</b>										
1975 to March 1980 -----	68	—	11	20	12	6	14	5	—	106
1970 to 1974 -----	38	—	8	20	—	5	5	—	—	89
1960 to 1969 -----	284	—	19	76	113	31	41	—	4	110
1950 to 1959 -----	665	17	79	200	160	136	49	12	12	106
1940 to 1949 -----	396	—	71	131	94	58	36	6	—	99
1939 or earlier -----	3 294	28	620	1 164	899	290	203	66	24	96
<b>VALUE</b>										
Less than \$10,000 -----	188	—	82	46	42	11	—	7	—	82
\$10,000 to \$19,999 -----	650	17	174	223	157	64	7	8	—	90
\$20,000 to \$29,999 -----	766	11	194	306	184	35	24	12	—	90
\$30,000 to \$39,999 -----	900	—	183	356	231	88	42	—	—	94
\$40,000 to \$49,999 -----	821	10	112	271	245	100	71	12	—	102
\$50,000 to \$59,999 -----	597	7	52	256	172	75	35	—	—	98
\$60,000 to \$79,999 -----	540	—	11	141	209	88	80	11	—	114
\$80,000 to \$99,999 -----	159	—	—	12	28	45	40	28	6	147
\$100,000 to \$149,999 -----	101	—	—	—	10	20	45	11	15	173
\$150,000 or more -----	23	—	—	—	—	4	—	19	—	250+
Median -----	\$38 500	\$22 300	\$27 500	\$36 200	\$40 800	\$45 700	\$54 300	\$77 500	\$123 300	...
<b>SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>										
Less than 10 percent -----	2 859	29	433	940	818	348	217	51	23	101
10 to 14 percent -----	775	6	147	268	209	74	38	23	10	97
15 to 19 percent -----	429	—	96	179	87	52	15	—	—	92
20 to 24 percent -----	269	—	97	77	61	—	27	—	7	87
25 to 29 percent -----	151	6	13	75	31	20	6	—	—	94
30 to 34 percent -----	42	—	—	19	19	—	4	—	—	103
35 percent or more -----	200	—	22	45	53	32	33	15	—	116
Not computed -----	20	4	—	8	—	—	8	—	—	94
Median -----	10—	10—	10—	10—	10—	10—	10—	10—	10—	...
<b>SELECTED CHARACTERISTICS</b>										
Heating equipment -----	4 745	45	808	1 611	1 278	526	348	89	40	99
Steam or hot water system -----	373	6	23	70	117	77	48	12	20	119
Central warm-air furnace or electric heat pump -----	3 629	11	529	1 293	1 058	379	269	70	20	100
Other built-in electric units -----	113	6	12	46	29	13	7	—	—	96
Floor, wall, or pipeless furnace -----	95	5	10	29	24	12	15	—	—	104
Other means -----	535	17	234	173	50	45	9	7	—	77
Air conditioning -----	2 252	18	271	758	655	254	186	81	29	103
Central system -----	719	7	79	133	239	108	99	34	20	115
1 or more individual room units -----	1 533	11	192	625	416	146	87	47	9	98
House heating fuel -----	4 745	45	808	1 611	1 278	526	348	89	40	99
Utility gas -----	4 547	26	786	1 550	1 230	499	327	89	40	99
Bottled, tank, or LP gas -----	—	—	—	—	—	—	—	—	—	—
Electricity -----	150	13	12	55	36	19	15	—	—	98
Fuel oil, kerosene, etc. -----	21	—	—	—	7	8	6	—	—	136
Other -----	27	6	10	6	5	—	—	—	—	69

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Wheeling city	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
	Occupied housing units	9 935	317	289	862	2 079	6 388	7 166	429	431	603	1 364
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	6 591	216	249	651	1 428	4 047	2 348	104	70	238	437	1 499
15 to 24 years	147	11	11	6	46	73	481	3	30	32	153	263
25 to 34 years	1 097	58	52	121	202	664	639	29	9	80	164	357
35 to 44 years	1 072	75	47	157	149	644	259	6	—	28	42	183
45 to 64 years	2 882	51	104	284	727	1 716	507	5	11	21	60	410
65 years and over	1 393	21	35	83	304	950	462	61	20	77	18	286
Male householder, no wife present	776	40	—	29	153	554	1 431	62	76	73	240	980
15 to 24 years	28	—	—	5	23	237	4	9	12	49	163	—
25 to 34 years	136	28	—	13	12	83	378	9	10	16	103	240
35 to 44 years	87	8	—	8	33	38	190	26	—	10	17	137
45 to 64 years	215	4	—	—	48	167	274	5	11	17	40	201
65 years and over	310	—	—	8	55	243	352	18	46	18	31	239
Female householder, no husband present	2 568	61	40	182	498	1 787	3 387	263	285	292	687	1 860
15 to 24 years	13	13	—	—	—	—	345	21	3	24	125	172
25 to 34 years	120	7	11	—	31	71	564	26	10	31	206	291
35 to 44 years	185	10	—	12	61	102	314	3	7	5	71	228
45 to 64 years	868	25	8	69	177	589	817	30	27	41	150	569
65 years and over	1 382	6	21	101	229	1 025	1 347	183	238	191	135	600
Median age	56.0	38.3	47.6	51.0	56.1	57.7	47.9	69.7	71.0	62.1	31.8	48.2
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	728	135	22	66	160	345	2 689	253	104	187	645	1 500
1975 to 1978	1 729	182	99	134	306	1 008	2 185	176	160	191	412	1 246
1970 to 1974	1 585	—	168	220	267	930	968	—	167	128	126	547
1960 to 1969	2 119	—	—	442	429	1 248	747	—	—	97	100	550
1959 or earlier	3 774	—	—	—	917	2 857	577	—	—	—	81	496
<b>ROOMS</b>												
1 room	7	—	—	—	4	3	416	25	94	67	32	198
2 rooms	11	—	—	—	—	11	770	98	134	85	48	405
3 rooms	181	—	—	15	26	140	1 904	211	159	180	392	962
4 rooms	1 058	48	19	70	277	644	1 965	49	21	136	463	1 296
5 rooms	2 106	81	85	167	588	1 185	1 222	12	23	57	315	815
6 rooms	3 317	70	59	235	638	2 315	599	16	—	64	74	445
7 or more rooms	3 255	118	126	375	546	2 090	290	18	—	14	40	218
Median	6.0	5.9	6.2	6.3	5.7	6.0	3.8	2.9	2.4	3.3	4.0	4.0
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	9 902	317	289	862	2 079	6 355	6 909	420	424	603	1 323	4 139
0.50 or less	7 049	215	204	585	1 475	4 570	4 259	277	253	316	708	2 705
0.51 to 1.00	2 764	102	74	273	593	1 722	2 390	143	171	261	574	1 241
1.01 to 1.50	89	—	11	4	11	63	220	—	—	26	30	164
1.51 or more	—	—	—	—	—	—	40	—	—	—	11	29
Locking complete plumbing for exclusive use	33	—	—	—	—	33	257	9	7	—	41	200
0.50 or less	26	—	—	—	—	26	131	9	7	—	22	93
0.51 to 1.00	4	—	—	—	—	4	120	—	—	—	19	101
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	3	—	—	—	—	3	6	—	—	—	—	6
<b>PERSONS IN UNIT</b>												
1 person	1 999	60	29	165	356	1 389	3 340	285	342	284	454	1 975
2 persons	3 429	94	90	254	778	2 213	1 998	90	64	186	428	1 230
3 persons	1 744	43	82	152	427	1 040	888	31	16	36	284	521
4 persons	1 457	86	42	163	277	889	519	15	9	57	143	295
5 persons	784	17	16	90	159	502	189	—	—	28	16	145
6 or more persons	522	17	30	38	82	355	232	8	—	12	39	173
Median	2.37	2.60	2.81	2.58	2.38	2.32	1.62	1.25	1.13	1.59	2.03	1.66
Total persons	27 692	854	948	2 488	5 659	17 743	14 010	644	525	1 170	3 033	8 638
<b>UNITS IN STRUCTURE</b>												
1, detached or attached	8 895	254	225	799	1 998	5 619	1 414	8	5	181	282	938
2	580	—	—	9	50	521	1 584	—	9	25	294	1 256
3 and 4	249	20	33	26	6	164	1 372	12	—	47	332	981
5 to 9	69	6	3	3	5	52	1 077	21	8	66	295	687
10 to 49	65	12	13	—	14	26	679	85	68	101	120	305
50 or more	13	—	7	—	—	6	997	299	334	175	22	167
Mobile home or trailer, etc.	64	25	8	25	6	—	43	4	7	8	19	5
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	9 927	317	289	862	2 079	6 380	7 151	429	431	603	1 359	4 329
Steam or hot water system	752	5	—	25	103	619	1 380	—	214	142	341	683
Central warm-air furnace or electric heat pump	7 618	233	169	694	1 763	4 759	3 103	242	100	239	610	1 912
Other built-in electric units	388	68	111	132	52	25	744	183	88	168	78	227
Floor, wall, or pipeless furnace	164	—	3	8	23	130	165	—	20	6	46	93
Other means	1 005	11	6	3	138	847	1 759	4	9	48	284	1 414
Air conditioning	5 129	216	217	563	1 182	2 951	2 498	368	198	291	327	1 314
Control system	1 630	170	136	270	521	533	526	191	53	76	91	115
1 or more individual room units	3 499	46	81	293	661	2 418	1 972	177	145	215	236	1 199
House heating fuel	9 927	317	289	862	2 079	6 380	7 151	429	431	603	1 359	4 329
Utility gas	9 114	78	108	667	1 968	6 293	5 846	62	269	358	1 190	3 967
Bottled, tank, or LP gas	10	—	—	—	—	10	30	—	—	—	20	10
Electricity	698	233	176	172	80	37	1 193	367	162	233	138	293
Fuel oil, kerosene, etc.	55	6	5	23	14	7	21	—	—	7	—	14
Other	50	—	—	—	17	33	61	—	—	5	11	45
Income in 1979 below poverty level	621	24	1	39	103	454	1 915	85	173	133	428	1 096
Percent below poverty level	6.3	7.6	0.3	4.5	5.0	7.1	26.7	19.8	40.1	22.1	31.4	25.3
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	971	19	—	48	146	758	2 311	141	268	193	431	1 278
\$5,000 to \$9,999	1 449	53	15	88	239	1 054	1 864	158	87	131	321	1 167
\$10,000 to \$12,499	712	20	15	61	123	493	682	9	28	65	181	399
\$12,500 to \$14,999	751	27	17	43	160	504	497	32	2	17	106	340
\$15,000 to \$19,999	1 424	45	30	157	346	846	736	22	22	63	110	519
\$20,000 to \$24,999	1 384	13	29	103	338	901	504	19	9	70	119	287
\$25,000 to \$34,999	1 785	105	87	147	385	1 061	441	29	5	53	63	291
\$35,000 to \$49,999	867	15	37	138	198	479	69	11	10	11	19	18
\$50,000 or more	592	20	59	77	144	292	62	8	—	—	14	40
Median	\$18 818	\$19 276	\$30 591	\$21 232	\$20 304	\$17 106	\$8 440	\$7 969	\$4 451	\$9 013	\$9 000	\$8 817
Mean	\$22 072	\$22 283	\$34 702	\$29 253	\$22 648	\$20 333	\$10 953	\$11 022	\$6 786	\$11 860	\$11 078	\$11 194

Table B-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

## Wheeling city

	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	9 935	8 895	976	64	7 166	1 414	1 584	1 372	1 077	679	997	43
Condominium housing units	133	40	93	—	159	7	—	—	33	66	53	—
<b>HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER</b>												
Married-couple families	6 591	6 073	495	23	2 348	761	639	447	207	147	147	—
15 to 24 years	147	119	25	3	481	101	140	128	55	57	—	—
25 to 34 years	1 097	1 030	61	6	639	198	224	134	46	31	6	—
35 to 44 years	1 072	1 010	56	6	259	119	52	31	44	13	—	—
45 to 64 years	2 882	2 646	228	8	507	213	145	65	40	23	21	—
65 years and over	1 393	1 268	125	—	462	130	78	89	22	23	120	—
Male householder, no wife present	776	640	128	8	1 431	215	185	244	320	262	181	24
15 to 24 years	28	23	5	—	237	31	26	42	92	34	—	12
25 to 34 years	136	93	43	—	378	80	42	81	90	69	11	5
35 to 44 years	87	73	10	4	190	15	30	31	27	64	16	7
45 to 64 years	215	186	29	—	274	39	49	33	51	65	37	—
65 years and over	310	265	41	4	352	50	38	57	60	30	117	—
Female householder, no husband present	2 568	2 182	353	33	3 387	438	760	681	550	270	669	19
15 to 24 years	13	—	7	6	345	21	53	82	93	76	12	8
25 to 34 years	120	95	25	—	564	143	129	110	120	62	—	—
35 to 44 years	185	157	28	—	314	33	90	77	73	34	—	7
45 to 64 years	868	751	93	24	817	136	205	213	145	40	74	4
65 years and over	1 382	1 179	200	3	1 347	105	283	199	119	58	583	—
Median age	56.0	55.6	60.4	49.4	47.9	42.3	45.4	41.8	37.2	35.6	73.2	26.5
<b>YEAR HOUSEHOLDER MOVED INTO UNIT</b>												
1979 to March 1980	728	595	128	5	2 689	416	568	610	405	355	299	36
1975 to 1978	1 729	1 481	215	33	2 185	439	466	363	370	203	337	7
1970 to 1974	1 585	1 407	161	17	968	182	138	173	133	37	305	—
1960 to 1969	2 119	1 974	142	3	747	178	215	137	117	56	44	—
1959 or earlier	3 774	3 438	330	6	577	199	197	89	52	28	12	—
<b>ROOMS</b>												
1 room	7	—	7	—	416	6	—	11	83	137	179	—
2 rooms	11	—	11	—	770	40	30	146	130	41	368	15
3 rooms	181	56	115	10	1 904	154	401	425	303	185	421	15
4 rooms	1 058	808	213	37	1 965	368	639	470	261	195	24	8
5 rooms	2 106	1 778	311	17	1 222	316	352	248	205	101	—	—
6 rooms	3 317	3 141	176	—	599	326	147	53	63	10	—	—
7 or more rooms	3 255	3 112	143	—	290	204	15	19	32	10	5	5
Median	6.0	6.1	5.0	4.1	3.8	4.9	4.1	3.7	3.6	3.4	2.4	2.9
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>												
Complete plumbing for exclusive use	9 902	8 886	952	64	6 909	1 414	1 534	1 348	1 022	601	947	43
0.50 or less	7 049	6 305	703	41	4 259	807	1 001	835	650	317	611	38
0.51 to 1.00	2 764	2 504	242	18	2 390	546	481	439	322	268	329	5
1.01 to 1.50	89	77	7	5	220	53	52	54	45	9	7	—
1.51 or more	—	—	—	—	40	8	—	20	5	7	—	—
Lacking complete plumbing for exclusive use	33	9	24	—	257	—	50	24	55	78	50	—
0.50 or less	26	9	17	—	131	—	30	24	22	22	33	—
0.51 to 1.00	4	—	4	—	120	—	20	—	33	56	11	—
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	3	—	3	—	6	—	—	—	—	—	6	—
<b>BEDROOMS</b>												
None	11	4	7	—	459	6	6	23	93	152	179	—
1	441	227	208	6	3 264	274	683	735	515	233	794	30
2	2 999	2 513	439	47	2 344	567	694	480	330	241	24	8
3	4 691	4 440	240	11	944	446	188	119	133	53	—	5
4	1 395	1 323	72	—	102	82	5	15	—	—	—	—
5 or more	398	388	10	—	53	39	8	6	—	—	—	—
<b>HOUSEHOLD INCOME IN 1979</b>												
Less than \$5,000	971	785	161	25	2 311	259	423	379	234	574	19	—
\$5,000 to \$9,999	1 449	1 280	165	4	1 864	382	399	341	302	118	310	12
\$10,000 to \$12,499	712	602	103	7	682	119	203	131	112	55	50	12
\$12,500 to \$14,999	751	654	80	17	497	114	129	97	67	62	28	—
\$15,000 to \$19,999	1 424	1 252	166	6	736	174	212	164	81	82	23	—
\$20,000 to \$24,999	1 384	1 290	94	—	504	176	86	120	73	43	6	—
\$25,000 to \$34,999	1 785	1 671	109	5	441	157	98	59	57	64	6	—
\$35,000 to \$49,999	867	811	56	—	69	19	15	8	6	21	—	—
\$50,000 or more	592	550	42	—	62	14	19	29	—	—	—	—
Median	\$18 818	\$19 499	\$14 344	\$11 071	\$8 440	\$11 387	\$9 641	\$8 766	\$7 867	\$9 053	\$4 600	\$5 521
Mean	\$22 072	\$22 380	\$20 040	\$10 216	\$10 953	\$13 807	\$11 557	\$11 873	\$9 604	\$11 818	\$5 734	\$6 596
<b>SELECTED CHARACTERISTICS</b>												
Heating equipment	9 927	8 891	972	64	7 151	1 414	1 584	1 372	1 062	679	997	43
Steam or hot water system	752	670	82	—	1 380	52	115	122	435	261	395	—
Central warm-air furnace or electric heat pump	7 618	6 931	645	42	3 103	889	806	638	312	160	290	8
Other built-in electric units	388	344	31	13	744	95	33	82	59	179	261	35
Floor, wall, or pipeless furnace	164	136	28	—	165	48	30	56	5	6	20	—
Other means	1 005	810	186	9	1 759	330	600	474	251	73	31	—
Air conditioning	5 129	4 622	474	33	2 498	459	458	379	292	312	586	12
Central system	1 630	1 469	152	9	526	67	26	57	71	162	143	—
Vehicles available	8 599	7 770	788	41	4 175	1 132	967	780	566	459	235	36
1	3 872	3 398	453	21	2 998	670	705	554	447	356	—	31
2 or more	4 727	4 372	335	20	1 177	462	262	226	119	103	5	—
House heating fuel	9 927	8 891	972	64	7 151	1 414	1 584	1 372	1 062	679	997	43
Utility gas	9 114	8 269	839	6	5 846	1 287	1 503	1 205	910	403	534	4
Battled, tank, or LP gas	10	5	5	—	30	—	18	12	—	—	—	—
Electricity	698	538	128	32	1 193	115	56	142	107	276	458	39
Fuel oil, kerosene, etc.	55	29	—	26	21	7	—	14	—	—	—	—
Other	50	50	—	—	61	5	7	13	31	—	5	—
Water heating fuel	9 935	8 895	976	64	7 166	1 414	1 584	1 372	1 077	679	997	43
Utility gas	8 560	7 757	803	—	5 681	1 226	1 453	1 230	884	411	472	5
Battled, tank, or LP gas	36	30	6	—	70	5	24	9	13	19	—	—
Electricity	1 339	1 108	167	64	1 415	183	107	133	180	249	525	38
Fuel oil, kerosene, etc.	—	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—	—	—	—	—	—
Family householder	7 835	7 174	630	31	3 515	970	937	712	440	283	164	9
With own children under 18 years	3 117	2 890	204	23	1 735	544	416	350	263	145	13	4
With own children under 6 years	1 017	948	60	9	940	314	242	171	118	82	13	—
Female householder, no husband present	999	890	101	8	1 052	177	275	246	211	122	17	4
With own children under 18 years	307	253	51	3	725	131	150	177	165	92	6	4
With own children under 6 years	47	42	5	—	259	43	66	63	40	41	6	—
Nonfamily householder	2 100	1 721	346	33	3 651	444	647	660	637	396	833	34
Income in 1979 below poverty level	621	497	102	22	1 915	284	360	356	349	192	362	12
Percent below poverty level	6.3	5.6	10.5	34.4	26.7	20.1	22.7	25.9	32.4	28.3	36.3	27.9

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.)

## Wheeling city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	9 935	1 999	3 429	1 744	1 457	784	371	96	55	2.37	27 692
Nonrelatives present	221	—	94	54	30	28	15	—	—	2.81	756
<b>ROOMS</b>											
1 to 3 rooms	199	127	68	—	4	—	—	—	—	1.28	415
4 rooms	1 058	399	441	98	88	27	5	—	—	1.79	2 186
5 rooms	2 106	605	870	386	142	84	19	—	—	2.01	4 806
6 rooms	3 317	566	1 250	650	513	209	108	14	7	2.37	8 864
7 rooms	1 560	149	396	329	360	195	102	29	—	3.21	5 163
8 or more rooms	1 695	153	404	281	350	269	137	53	48	3.53	6 258
Median	6.0	5.3	5.8	6.1	6.5	6.9	7.0	7.7	8.3	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	9 902	1 973	3 426	1 740	1 457	784	371	96	55	2.37	27 635
1.00 or less	9 813	1 973	3 426	1 740	1 453	757	347	82	35	2.36	27 082
1.01 to 1.50	89	—	—	—	4	27	24	14	20	6.06	553
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
Locking complete plumbing for exclusive use	33	26	3	4	—	—	—	—	—	1.13	57
1.00 or less	30	26	—	4	—	—	—	—	—	1.08	46
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	3	—	3	—	—	—	—	—	—	2.00	11
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	8 895	1 642	3 056	1 617	1 356	727	350	92	55	2.42	24 296
2 or more	976	324	365	118	95	54	16	4	—	1.95	3 144
Mobile home or trailer, etc.	64	33	8	9	6	3	5	—	—	1.47	252
<b>VALUE</b>											
Specified owner-occupied housing units	8 473	1 567	2 915	1 526	1 299	704	330	81	51	2.42	22 506
Less than \$10,000	213	52	84	21	31	—	—	—	—	2.15	420
\$10,000 to \$19,999	889	286	320	136	82	50	7	8	—	2.00	1 839
\$20,000 to \$29,999	1 253	287	523	156	117	77	71	15	7	2.15	3 184
\$30,000 to \$39,999	1 517	291	532	257	206	158	52	13	8	2.38	4 126
\$40,000 to \$49,999	1 517	300	464	374	209	61	74	26	9	2.49	3 888
\$50,000 to \$59,999	1 128	161	377	205	243	109	28	—	5	2.63	3 007
\$60,000 to \$79,999	1 149	156	370	209	235	107	66	6	—	2.73	3 171
\$80,000 to \$99,999	442	15	153	73	92	80	21	—	8	3.23	1 334
\$100,000 to \$149,999	283	10	74	84	58	32	11	—	14	3.18	1 161
\$150,000 or more	82	9	18	11	26	5	—	13	—	3.62	376
Median	\$42 100	\$35 200	\$40 000	\$45 100	\$50 100	\$46 900	\$45 200	\$43 200	\$56 500	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	9 935	1 999	3 429	1 744	1 457	784	371	96	55	2.37	27 692
Median income	\$18 818	\$7 374	\$17 046	\$22 713	\$25 089	\$26 087	\$27 804	\$26 750	\$52 344	...	...
Median selected monthly owner costs as percentage of household income	12.0	18.2	10.2	10.1	12.6	12.0	11.6	13.4	10—	...	...
With a mortgage	16.7	30.7	17.6	16.0	15.9	15.8	13.3	21.2	10—	...	...
Not mortgaged	10—	16.1	10—	10—	10—	10—	10—	10—	10—	...	...
Income in 1979 below poverty level	621	319	132	49	85	7	22	7	—	1.47	...
Median income	\$3 094	\$2 721	\$2 836	\$3 482	\$4 688	\$11 250	\$4 464	\$3 750	—	...	...
Median selected monthly owner costs as percentage of household income	37.3	42.9	40.7	24.3	26.7	—	23.2	50+	—	...	...
With a mortgage	50+	50+	29.6	50+	50+	—	22.5	50+	—	...	...
Not mortgaged	31.5	40.7	41.1	23.4	20.0	—	23.9	—	—	...	...
Renter-occupied housing units	7 166	3 340	1 998	888	519	189	168	38	26	1.62	14 010
Nonrelatives present	458	—	268	89	41	19	26	9	6	2.35	1 317
<b>ROOMS</b>											
1 room	416	393	12	11	—	—	—	—	—	1.03	422
2 rooms	770	650	98	16	6	—	—	—	—	1.09	882
3 rooms	1 904	1 179	579	107	30	—	9	—	—	1.31	2 664
4 rooms	1 965	671	669	360	171	58	28	—	8	1.97	4 188
5 rooms	1 222	259	402	279	167	45	61	9	—	2.38	3 077
6 rooms	599	125	168	87	110	48	49	—	12	2.57	1 790
7 or more rooms	290	63	70	28	35	38	21	29	6	2.93	987
Median	3.8	3.0	4.0	4.4	4.8	5.3	5.3	7.2	5.9	...	...
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>											
Complete plumbing for exclusive use	6 909	3 135	1 963	877	513	189	168	38	26	1.66	13 702
1.00 or less	6 649	3 135	1 951	850	483	131	70	29	—	1.60	12 477
1.01 to 1.50	220	—	—	16	30	58	89	9	18	5.57	1 113
1.51 or more	40	—	12	11	—	—	9	—	8	3.23	112
Locking complete plumbing for exclusive use	257	205	35	11	6	—	—	—	—	1.13	308
1.00 or less	251	205	35	11	—	—	—	—	—	1.11	285
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	6	—	—	—	6	—	—	—	—	4.00	23
<b>UNITS IN STRUCTURE</b>											
1, detached or attached	1 414	381	411	211	188	102	70	30	21	2.29	3 730
2	1 584	583	553	261	103	42	34	8	—	1.88	3 217
3 and 4	1 372	580	440	202	111	19	15	—	5	1.74	2 547
5 to 9	1 077	565	282	96	81	14	39	—	—	1.45	2 081
10 to 49	679	374	164	101	30	—	10	—	—	1.41	1 167
50 or more	997	823	144	17	6	7	—	—	—	1.11	1 197
Mobile home or trailer, etc.	43	34	4	—	—	5	—	—	—	1.13	71
<b>GROSS RENT</b>											
Specified renter-occupied housing units	7 100	3 323	1 975	884	505	181	168	38	26	1.61	13 862
Less than \$100	1 265	952	125	85	88	—	10	—	5	1.16	1 892
\$100 to \$149	1 171	714	269	104	31	7	37	9	—	1.32	1 919
\$150 to \$199	1 374	620	444	175	95	20	20	—	—	1.65	2 599
\$200 to \$249	1 253	496	399	188	104	34	17	7	8	1.83	2 562
\$250 to \$299	945	252	371	196	21	64	34	—	7	2.09	2 055
\$300 to \$349	443	89	139	68	103	14	30	—	—	2.45	1 138
\$350 to \$399	112	27	20	24	20	10	5	—	6	2.88	355
\$400 to \$449	114	26	36	21	20	4	—	7	—	2.36	339
\$500 or more	67	25	16	6	—	4	8	8	—	2.03	203
No cash rent	356	122	156	17	23	24	7	7	—	1.86	800
Median	\$184	\$145	\$208	\$218	\$213	\$260	\$239	\$248	\$237	...	...
<b>SELECTED CHARACTERISTICS</b>											
All income levels in 1979	7 166	3 340	1 998	888	519	189	168	38	26	1.62	14 010
Median income	\$8 440	\$5 399	\$11 634	\$11 541	\$11 578	\$12 266	\$11 528	\$25 536	\$15 625	...	...
Median gross rent as percentage of household income	23.2	27.1	20.8	20.0	20.7	29.8	18.3	20.4	15.6	...	...
Income in 1979 below poverty level	1 915	1 014	320	251	170	73	67	9	11	1.44	...
Median income	\$2 920	\$2 553	\$2 827	\$2 859	\$4 006	\$4 276	\$6 797	\$3 750	\$12 708	...	...
Median gross rent as percentage of household income	47.5	42.1	50+	50+	42.5	50+	26.9	37.5	35.4	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see Appendixes A and B.]

Wheeling city	Married-couple families										Male householder, no wife present										Female householder, no husband present	
	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age	
Total	9 935	147	1 097	1 072	2 882	1 393	28	136	87	215	310	13	120	185	868	1 382	56.0					
Owner-occupied housing units																						
<b>PERSONS IN UNIT</b>																						
1 person	1 999	72	233	43	1 132	1 42	13	15	28	38	121	235	13	14	37	479	961	68.1				
2 persons	3 429	42	275	117	844	168	—	—	14	19	40	65	58	45	213	333	63.2					
3 persons	1 744	33	366	443	453	45	—	—	6	13	8	5	—	19	73	79	49	52.0				
4 persons	1 457	—	188	252	244	28	—	—	—	—	5	—	—	20	6	23	37	19	40.7			
5 persons	784	—	35	217	209	10	—	—	—	—	8	—	—	3	3	35	55	12	42.7			
6 or more persons	522	—	3 61	4.35	2.87	2.11	1.57	1.27	1.82	1.39	1.16	1.00	2.29	2.64	1.41	1.22	8	45.0				
Median	2 37	—	3 836	4 901	9 512	3 073	477	226	227	466	405	11	380	518	1 693	1 955	... ...					
Total persons	27 692	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	47.5	
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																						
Complete plumbing for exclusive use	9 902	147	1 097	1 072	2 878	1 393	48	136	87	208	310	13	120	185	862	1 366	56.0					
1 or more persons per room	89	6	14	59	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	51.6	
Locking complete plumbing for exclusive use	33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	64.4	
1 or more persons per room	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	47.5	
<b>MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																						
Specified owner-occupied housing units	8 473	119	990	946	2 538	1 224	23	79	70	178	258	7	—	—	88	127	698	1 135	55.7			
With a mortgage	3 728	102	889	795	1 180	134	43	50	40	67	70	7	—	—	79	70	194	98	43.0			
Less than 15 percent	619	7	257	422	769	36	—	9	12	35	23	6	—	—	11	5	29	6	46.5			
15 to 19 percent	667	0	243	161	137	26	—	14	5	5	7	—	—	—	6	6	16	16	36.3			
20 to 24 percent	599	12	214	130	134	13	12	4	—	—	—	—	—	—	32	—	30	21	38.2			
25 to 29 percent	332	13	112	22	56	12	4	—	—	—	—	12	—	—	6	6	12	12	33.8			
30 to 34 percent	114	—	21	8	52	59	36	13	8	—	—	7	11	28	52	59	59	12	49.2			
35 percent or more	369	—	37	5	—	—	—	—	—	—	—	—	—	—	27.6	—	25.7	7	51.2			
Not computed	28	—	—	—	—	—	—	—	—	—	—	—	—	—	27.0	31.8	25.1	—	38.1			
16.7	23.2	18.8	14.5	12.6	21.2	42.5	42.5	18.3	16.7	14.6	—	—	—	—	—	—	—	—	—	—	51.2	
4 745	17	101	151	138	1 090	29	30	111	29	30	111	251	9	—	57	504	1 037	65.0				
2 859	17	87	109	109	1 202	25	25	6	25	82	109	109	5	—	5	185	319	60.9				
775	—	14	18	106	219	23	23	117	—	5	12	55	11	—	5	7	112	209	68.0			
429	—	—	—	30	117	—	—	—	—	5	11	52	—	—	—	6	59	149	71.2			
269	—	—	—	19	—	25	—	—	—	—	—	15	15	—	—	6	7	55	70.4			
151	—	—	—	10	14	—	—	—	—	—	—	—	—	—	—	6	36	85	71.1			
42	—	—	5	—	13	13	—	—	—	—	—	6	12	—	—	—	—	—	—	18	68.8	
200	—	—	—	10	10	—	—	—	—	11.8	10—	—	12	—	—	—	49	109	53.8			
20	—	—	10—	10—	—	—	—	—	—	10—	—	11.1	—	—	—	4	—	8	14.8	—		
10—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10—	—	—	12.8	—			
166	461	639	259	507	462	247	378	190	274	352	345	564	314	—	817	1 347	47.9					
<b>PERSONS IN UNIT</b>																						
1 person	3 340	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
2 persons	1 998	2.8	277	43	223	421	33	33	14	14	142	252	317	158	193	73	570	1 187	62.3			
3 persons	888	133	134	59	121	60	65	—	4	25	14	11	26	88	187	69	150	118	41.3			
4 persons	519	60	158	60	65	—	—	—	—	—	—	—	9	57	102	67	20	22	33.8			
5 persons	189	22	34	18	18	8	—	5	—	—	—	—	—	34	41	68	20	9	32.4			
6 or more persons	232	8	36	18	18	—	—	—	—	—	—	—	—	26	11	—	—	—	—	36.3		
Median	1 622	2.52	1 282	3.96	2.75	2.05	2.0	1 642	886	1 024	522	323	117	1 04	1.06	1 66	1 98	2.71	1 107	1.07		
Total persons	14 010	1 212	1 877	1 024	—	—	—	—	—	—	—	365	313	—	—	6	—	1 236	1 533	...		
<b>PLUMBING FACILITIES BY PERSONS PER ROOM</b>																						
Complete plumbing for exclusive use	6 909	418	633	250	507	462	24	349	190	238	296	311	564	314	—	775	1 328	47.6				
1 or more persons per room	260	77	31	43	40	—	3	5	9	—	36	56	34	—	—	—	—	17	11	36.0		
Locking complete plumbing for exclusive use	257	13	6	—	—	—	—	—	—	—	—	—	6	6	—	—	42	19	55.4			
1 or more persons per room	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	22.5		
<b>GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979</b>																						
Specified renter-occupied housing units	7 100	476	639	245	500	443	237	370	190	274	352	345	564	310	—	817	1 338	47.9				
Less than 15 percent	1 463	107	232	74	164	57	58	153	64	66	51	46	39	73	—	—	—	—	—	128		
15 to 19 percent	1 133	85	203	59	82	68	34	68	64	68	69	34	108	23	89	129	38.9					
20 to 24 percent	1 072	110	94	26	46	113	29	88	6	6	79	76	9	9	83	21	48.4					
25 to 29 percent	526	31	4	21	21	15	8	3	15	35	8	23	52	23	23	23	19	55.7				
30 to 34 percent	402	—	9	21	44	30	3	31	16	24	18	17	17	28	69	122	58.2					
35 to 49 percent	916	87	26	50	50	10	10	31	5	35	46	59	34	34	88	249	56.8					
50 percent or more	1 069	11	41	10	22	50	10	20	—	57	54	150	150	88	185	211	49.5					
Not computed	519	11	30	28	60	45	10	27.3	16.6	17.4	31.3	22.5	27.4	27.6	32.0	93	56.7					
Median	23.2	21.8	16.8	17.9	18.4	23.3	—	27.3	16.6	17.4	31.3	22.5	27.4	27.6	32.0	28.5	38.7					

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B]

Wheeling city

Wheeling city	Male householder							Female householder						
	Total							Total						
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over			15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	1 999	495	13	88	38	121	235	1 504	13	14	37	479	961	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	1 973	491	13	88	38	117	235	1 482	13	14	37	473	945	
Locking complete plumbing for exclusive use	26	4	—	—	—	4	—	22	—	—	—	6	16	
UNITS IN STRUCTURE														
1, detached or attached	1 642	401	13	53	27	102	206	1 241	—	14	22	414	791	
2 or more	324	86	—	35	7	19	25	238	7	—	15	49	167	
Mobile home or trailer, etc.	33	8	—	—	4	—	4	25	6	—	—	16	3	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	671	82	7	—	7	11	57	589	6	—	4	144	435	
\$5,000 to \$9,999	651	123	—	8	5	21	89	528	7	—	22	187	312	
\$10,000 to \$12,499	226	76	—	12	4	14	46	150	—	—	—	62	88	
\$12,500 to \$14,999	113	48	—	31	4	6	7	65	—	—	—	23	42	
\$15,000 to \$19,999	135	33	6	—	—	27	—	102	—	5	11	42	43	
\$20,000 to \$24,999	61	40	—	14	—	8	18	21	—	—	6	7	7	
\$25,000 to \$34,999	78	56	—	10	12	34	—	22	—	—	—	7	15	
\$35,000 to \$49,999	22	7	—	7	—	—	—	15	—	—	—	—	15	
\$50,000 or more	42	30	—	6	6	—	18	12	—	—	—	8	4	
Median	\$7 374	\$11 398	\$2500	\$14 435	\$14 375	\$17 125	\$7 543	\$6 482	\$7 679	\$22 813	\$8 958	\$7 514	\$5 646	
Mean	\$11 207	\$17 465	\$8 510	\$19 979	\$20 608	\$16 509	\$17 002	\$9 147	\$6 423	\$21 360	\$10 135	\$8 854	\$9 114	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
Specified owner-occupied housing units	1 567	389	13	45	27	102	202	1 178	—	14	18	379	767	
With a mortgage	282	83	13	31	12	20	7	199	—	14	12	94	79	
Less than \$200	99	22	—	8	—	7	7	77	—	—	—	31	46	
\$200 to \$249	55	8	—	8	—	—	—	47	—	—	—	26	21	
\$250 to \$299	47	14	—	7	—	7	—	33	—	—	5	22	6	
\$300 to \$349	41	15	7	8	—	—	—	26	—	6	7	7	6	
\$350 to \$399	20	12	6	—	6	—	—	8	—	—	8	—	—	
\$400 to \$449	20	12	—	—	6	—	—	8	—	—	—	—	—	
\$500 to \$599	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$600 to \$749	—	—	—	—	—	—	—	—	—	—	—	—	—	
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	
Median	\$238	\$291	\$346	\$247	\$400	\$271	\$175	\$224	—	\$456	\$307	\$231	\$184	
Not mortgaged	1 285	306	—	14	15	82	195	979	—	6	—	285	688	
Less than \$50	18	6	—	—	—	6	12	—	—	—	—	—	12	
\$50 to \$74	376	77	—	—	4	9	64	299	—	—	—	57	242	
\$75 to \$99	469	115	—	—	6	39	70	354	—	—	—	140	214	
\$100 to \$124	223	49	—	8	5	11	25	174	—	—	—	53	121	
\$125 to \$149	93	47	—	6	—	23	18	46	—	—	—	7	39	
\$150 to \$199	80	12	—	—	—	—	12	68	—	—	6	28	34	
\$200 to \$249	21	—	—	—	—	—	—	21	—	—	—	—	21	
\$250 or more	5	—	—	—	—	—	5	—	—	—	—	5	—	
Median	\$88	\$90	—	\$122	\$90	\$96	\$85	\$88	—	—	\$175	\$90	\$86	
SELECTED CHARACTERISTICS														
Median selected monthly owner costs as percentage of household income in 1979	18.2	12.7	50+	13.0	12.9	10—	13.5	20.6	—	25.6	28.3	19.3	20.8	
With a mortgage	30.7	24.8	50+	20.3	15.0	32.5	50+	31.7	—	25.6	41.4	24.7	41.5	
Not mortgaged	16.1	10.8	—	10.6	10—	10—	13.2	18.5	—	27.5	16.3	19.2	19.2	
Income in 1979 below poverty level	319	28	7	—	3	4	14	291	6	—	4	108	173	
Percent below poverty level	16.0	5.7	53.8	—	7.9	3.3	6.0	19.3	46.2	—	10.8	22.5	18.0	
Renter-occupied housing units	3 340	1 159	198	250	142	252	317	2 181	158	193	73	570	1 187	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	3 135	1 030	185	226	142	216	261	2 105	133	193	73	538	1 168	
Locking complete plumbing for exclusive use	205	129	13	24	—	36	56	76	25	—	—	32	19	
UNITS IN STRUCTURE														
1, detached or attached	381	149	25	44	6	34	40	232	4	60	7	95	66	
2	583	134	26	21	18	38	31	449	17	60	13	124	235	
3 and 4	580	185	21	56	27	33	48	395	25	21	16	169	164	
5 to 9	565	265	80	57	22	51	55	300	54	36	16	89	105	
10 to 49	374	236	34	61	56	59	26	138	44	16	14	19	45	
50 or more	823	171	—	11	6	37	117	652	6	—	—	74	572	
Mobile home or trailer, etc.	34	19	12	—	7	—	—	15	8	—	7	—	—	
HOUSEHOLD INCOME IN 1979														
Less than \$5,000	1 597	371	51	11	18	121	170	1 226	70	25	21	320	790	
\$5,000 to \$9,999	945	355	89	46	33	78	109	590	62	59	25	176	268	
\$10,000 to \$12,499	278	87	26	42	—	9	10	191	21	77	13	31	49	
\$12,500 to \$14,999	186	98	9	73	—	10	6	88	5	19	8	28	28	
\$15,000 to \$19,999	176	111	16	53	26	11	5	65	—	7	6	11	41	
\$20,000 to \$24,999	81	71	7	13	32	13	6	10	—	—	—	4	6	
\$25,000 to \$34,999	47	36	—	6	19	—	11	11	—	6	—	—	5	
\$35,000 to \$49,999	11	11	—	—	6	5	—	—	—	—	—	—	—	
\$50,000 or more	19	19	—	6	8	5	—	—	—	—	—	—	—	
Median	\$5 399	\$8 239	\$7 308	\$13 390	\$19 211	\$5 255	\$4 760	\$4 611	\$5 441	\$10 406	\$8 603	\$4 466	\$4 229	
Mean	\$7 619	\$10 775	\$7 762	\$15 792	\$20 003	\$8 305	\$6 531	\$5 941	\$5 764	\$9 868	\$8 095	\$5 594	\$5 361	
GROSS RENT														
Specified renter-occupied housing units	3 323	1 151	198	242	142	252	317	2 172	158	193	73	570	1 178	
Less than \$100	952	212	16	15	6	61	114	740	31	8	—	138	563	
\$100 to \$149	714	284	32	55	24	79	94	430	48	14	34	144	190	
\$150 to \$199	620	252	52	66	44	45	45	368	37	45	13	124	149	
\$200 to \$249	496	184	56	71	20	13	24	312	35	55	14	52	156	
\$250 to \$299	252	155	26	30	48	31	20	97	—	26	—	44	27	
\$300 to \$349	89	9	4	—	—	5	—	80	—	37	6	18	19	
\$350 to \$399	27	12	—	—	—	5	7	15	7	—	—	4	4	
\$400 to \$449	26	19	7	5	—	7	—	7	—	—	—	—	7	
\$500 or more	25	5	5	—	—	—	—	20	—	—	—	5	15	
No cash rent	122	19	—	—	—	6	13	103	—	8	6	41	48	
Median	\$145	\$164	\$199	\$185	\$195	\$130	\$118	\$136	\$160	\$227	\$150	\$140	\$100	
SELECTED CHARACTERISTICS														
Median gross rent as percentage of household income in 1979	27.1	22.1	29.3	16.7	15.6	34.7	22.2	29.3	31.7	26.8	28.3	30.7	29.0	
Income in 1979 below poverty level	1 014	267	51	11	11	101	93	747	39	16	13	243	436	
Percent below poverty level	30.4	23.0	25.8	4.4	7.7	40.1	29.3	34.3	24.7	8.3	17.8	42.6	36.7	

Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Wheeling city	Total	Less than 2 months	2 up to 6 months	6 or more months	Wheeling city	Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	114	22	61	31	Vacant for rent housing units	577	191	254	132
ROOMS					ROOMS				
1 to 3 rooms	10	—	5	5	1 room	58	23	16	19
4 rooms	6	—	6	—	2 rooms	28	7	19	2
5 rooms	17	6	11	—	3 rooms	175	48	90	37
6 rooms	53	6	34	13	4 rooms	179	68	72	39
7 rooms	5	—	5	—	5 rooms	68	41	24	3
8 or more rooms	23	10	13	—	6 rooms	54	4	33	17
Median	6.0	6.3	5.8	6.3	7 or more rooms	15	—	—	15
					Median	3.7	3.8	3.5	3.7
PLUMBING FACILITIES					PLUMBING FACILITIES				
Complete plumbing for exclusive use	114	22	61	31	Complete plumbing for exclusive use	547	187	237	123
Lacking complete plumbing for exclusive use	—	—	—	—	Lacking complete plumbing for exclusive use	30	4	17	9
BEDROOMS					BEDROOMS				
None	—	—	—	—	None	60	23	16	21
1	16	—	11	5	1	251	59	142	50
2	12	6	6	—	2	203	82	87	34
3	63	6	44	13	3	42	27	—	15
4	7	—	—	7	4	8	—	5	3
5 or more	16	10	—	6	5 or more	13	—	4	9
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT				
1975 to March 1980	6	6	—	—	1975 to March 1980	1	1	—	—
1970 to 1974	1	1	—	—	1970 to 1974	22	11	11	—
1960 to 1969	7	—	—	7	1960 to 1969	57	18	13	26
1950 to 1959	18	—	13	5	1950 to 1959	2	—	—	2
1940 to 1949	16	—	8	8	1940 to 1949	84	45	35	4
1939 or earlier	66	15	40	11	1939 or earlier	411	116	195	100
UNITS IN STRUCTURE					UNITS IN STRUCTURE				
1, detached or attached	85	16	43	26	1, detached or attached	131	48	50	33
2 or more	29	6	18	5	2	121	36	67	18
Mobile home or trailer	—	—	—	—	3 and 4	131	40	49	42
HEATING EQUIPMENT					5 to 9	79	23	32	24
Central heating system	82	16	49	17	10 to 49	77	31	46	—
Other means	27	6	7	14	50 or more	38	13	10	15
None	5	—	5	—	Mobile home or trailer	—	—	—	—
PRICE ASKED					RENT ASKED				
Specified vacant for sale only housing units	85	16	43	26	Specified vacant for rent housing units	577	191	254	132
Less than \$10,000	7	—	7	—	Less than \$100	123	28	57	38
\$10,000 to \$19,999	8	—	—	8	\$100 to \$149	188	67	85	36
\$20,000 to \$29,999	5	5	—	—	\$150 to \$199	167	54	84	29
\$30,000 to \$39,999	—	—	—	—	\$200 to \$249	59	19	18	22
\$40,000 to \$49,999	21	—	15	6	\$250 to \$299	33	23	10	—
\$50,000 to \$59,999	28	10	13	5	\$300 to \$399	7	—	—	7
\$60,000 to \$79,999	9	1	8	—	\$400 or more	—	—	—	—
\$80,000 to \$99,999	7	—	—	7	Median	\$136	\$150	\$116	\$125
Median	\$50 600	\$56 500	\$49 800	\$44 200					

Table B-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B.]

Wheeling city	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	85	7	13	21	44	—	50 600	577	123	355	92	7	—	136
PLUMBING FACILITIES														
Complete plumbing for exclusive use	85	7	13	21	44	—	50 600	547	113	335	92	7	—	146
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	30	10	20	—	—	—	105
BEDROOMS														
None	—	—	—	—	—	—	—	60	7	53	—	—	—	127
1	—	—	—	—	—	—	—	251	71	132	44	4	—	131
2	—	—	—	4	—	—	—	203	45	119	39	—	—	123
3	58	7	13	11	27	—	42 500	42	—	42	—	—	—	155
4	7	—	—	—	7	—	85 000	8	—	5	—	3	—	178
5 or more	16	—	—	6	10	—	56 000	13	—	4	9	—	—	207
YEAR STRUCTURE BUILT														
1975 to March 1980	—	—	—	—	—	—	—	1	—	—	1	—	—	213
1970 to 1974	1	—	—	—	1	—	—	62 500	22	6	5	11	—	220
1960 to 1969	7	—	—	—	7	—	85 000	57	32	19	6	—	—	96
1950 to 1959	18	—	—	—	18	—	53 500	2	—	—	2	—	—	213
1940 to 1949	16	—	8	—	8	—	37 500	84	13	53	18	—	—	130
1939 or earlier	43	7	5	21	10	—	44 800	411	72	278	54	7	—	147
UNITS IN STRUCTURE														
1, detached or attached	85	7	13	21	44	—	50 600	131	28	73	30	—	—	170
2 or more	—	—	—	—	—	—	—	446	95	282	62	7	—	135
Mobile home or trailer	—	—	—	—	—	—	—	—	—	—	—	—	—	—

## Appendix A.—Area Classifications

REGIONS . . . . .	A-1	New England States, New York, and Wisconsin.
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### REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

### STATES

The 50 States and the District of Columbia are the constituent units of the United States.

### PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

#### Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

#### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

### STANDARD METROPOLITAN STATISTICAL AREAS

#### Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

#### SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

### New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

### BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants*, PC80-1-A. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

### AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

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determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

### LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

### GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Group Quarters**—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

**Comparability With 1970 Census Group Quarters Data**—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

**Rules for Hotels, Rooming Houses, Etc.**—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

**Staff Living Quarters**—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

### OCCUPANCY AND VACANCY CHARACTERISTICS

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

**Child**—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

**Nonrelative**—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

**Age of Householder**—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

**Household Type**—Statistics by age of householder are presented separately for the following household types:

*Married-couple families.* For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

*Male householder, no wife present.* This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

*Female householder, no husband present.* This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

**Year Householder Moved Into Unit**—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit he previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Vacancy Status**—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

**Duration of Vacancy**—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

**Tenure**—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

**Condominium Housing Units**—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

**Comparability With 1970 Census Condominium Housing Unit Data**—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

**Race of the Householder**—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cosmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Race of the Householder**—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

**Comparability With 1970 Census Data on Race of the Householder**—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

**Spanish/Hispanic Origin of the Householder**—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data on Householders of Spanish/Hispanic Origin**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

**Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin**—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage**—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 *Census Metropolitan Housing Characteristics* reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

### UTILIZATION CHARACTERISTICS

**Persons**—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

**Rooms**—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

**Bedrooms**—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

### STRUCTURAL CHARACTERISTICS

**Year Structure Built**—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

### PLUMBING CHARACTERISTICS

**Plumbing Facilities**—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

**Comparability With 1970 Census Plumbing Facilities Data**—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

### EQUIPMENT AND FUELS

**Heating Equipment**—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room-heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

**Comparability With 1970 Census Heating Equipment Data**—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

**Air Conditioning**—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

**Comparability With 1970 Census Automobiles Available Data**—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

**Fuels Used for House Heating and Water Heating**—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

### FINANCIAL CHARACTERISTICS

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

**Price Asked**—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

**Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979**—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Rent**—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

**Contract Rent**. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

**Gross Rent**. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

**Rent Asked For** "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

**Gross Rent as a Percentage of Household Income in 1979**—Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

**Household Income in 1979**—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

**Median Income**—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

**Comparability With 1970 Census Income Data**—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

**Poverty Status in 1979**—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

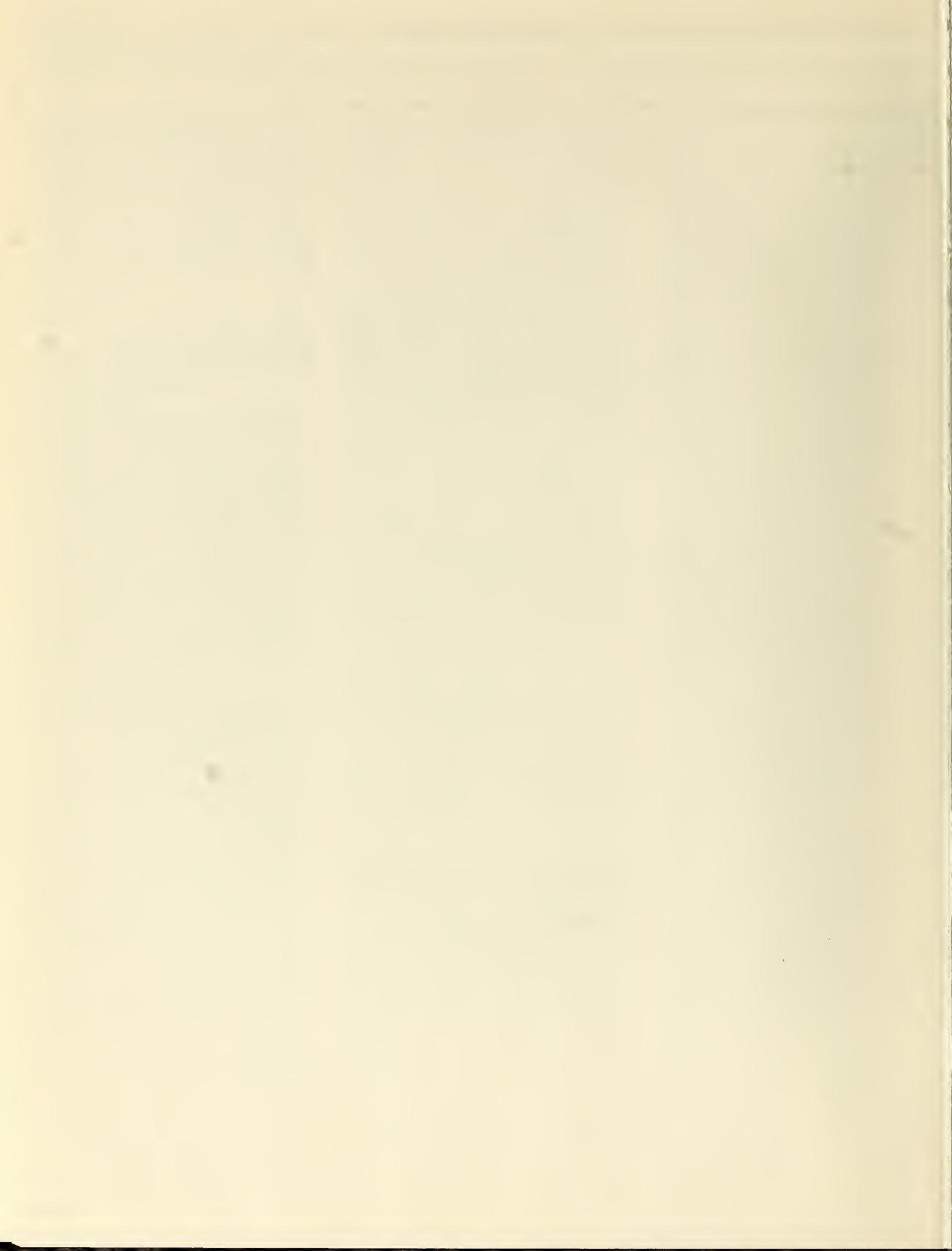
There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

## Appendix B.—Definitions and Explanations of Subject Characteristics

### Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years								
		None	1	2	3	4	5	6	7	8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835	...
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586	14,024



## Appendix C.—General Enumeration and Processing Procedures

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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

## Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

### ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

### Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and non-sampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

### ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children Under 18
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

#### Persons in Housing Units With a Family Without Own Children Under 18

6-10	2 persons in housing unit through 8 or more persons in housing unit
------	---

#### Persons in All Other Housing Units

11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

17	Persons in group quarters
----	---------------------------

	Stage II—Householder/ Nonhouseholder
<i>Group</i>	
1	Householder
2	Nonhouseholder (including persons in group quarters)
Stage III—Age/Sex/Race/Spanish Origin	
<i>Group</i>	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

## OCCUPIED HOUSING UNITS

### Stage I—Type of Household

<i>Group</i>	<i>Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit

	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

### Stage II—Tenure/Race and Origin of Householder/Value or Rent

<i>Group</i>	<i>Owner</i>
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
	<i>Other Owners</i>

### Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	Other Race (includes those races not listed above)
17-32	<i>Black Race</i> Same value—Spanish origin categories as groups 1 to 16	169-190 Same rent—Spanish origin categories as groups 81 to 102
33-48	<i>Asian, Pacific Islander Race</i> Same value—Spanish origin categories as groups 1 to 16	<b>VACANT HOUSING UNITS</b>
49-64	<i>American Indian, Eskimo, or Aleut Race</i> Same value—Spanish origin categories as groups 1 to 16	<i>Group</i>
65-80	<i>Other Race (includes those races not listed above)</i> Same value—Spanish origin categories as groups 1 to 16	1 <i>Vacant for Rent</i> 2 <i>Vacant for Sale</i> 3 <i>Other Vacant</i>
81	<i>Renter</i> <i>White Race</i> <i>Persons of Spanish Origin Rent Categories</i>	The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.
82	\$1 to \$59	
83	\$60 to \$99	
84	\$100 to \$149	
85	\$150 to \$199	
86	\$200 to \$249	
87	\$250 to \$299	
88	\$300 to \$399	
89	\$400 to \$499	
90	\$500+	
91	Other Renter	
	No Cash Rent	
92-102	<i>Persons not of Spanish origin</i>	
103-124	<i>Black Race</i> Same rent categories as groups 81 to 91	
125-146	<i>Asian, Pacific Islander Race</i> Same rent—Spanish origin categories as groups 81 to 102	
147-168	<i>American Indian, Eskimo, or Aleut Race</i> Same rent—Spanish origin categories as groups 81 to 102	

**Undercoverage**—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

**Respondent and Enumerator Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

### ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

## Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	2/ Size of publication area															
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000		
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	250	310	340	350	350	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	310	510	570	590	610	610	610	610	610	610
100 000.....	-	-	-	-	-	-	-	550	630	670	700	700	700	700	700	700
250 000.....	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570	1 570	1 570
1 000 000.....	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190	2 190	2 190
5 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470	4 470
10 000 000.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{\frac{5}{N} \hat{Y} (1 - \frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	1/ Base of percentage														
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000		
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1		
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1		
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1		
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1		
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1		
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1		
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1		
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1		
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.1		

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p} (100 - \hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage

Table C. Standard Error Adjustment Factors

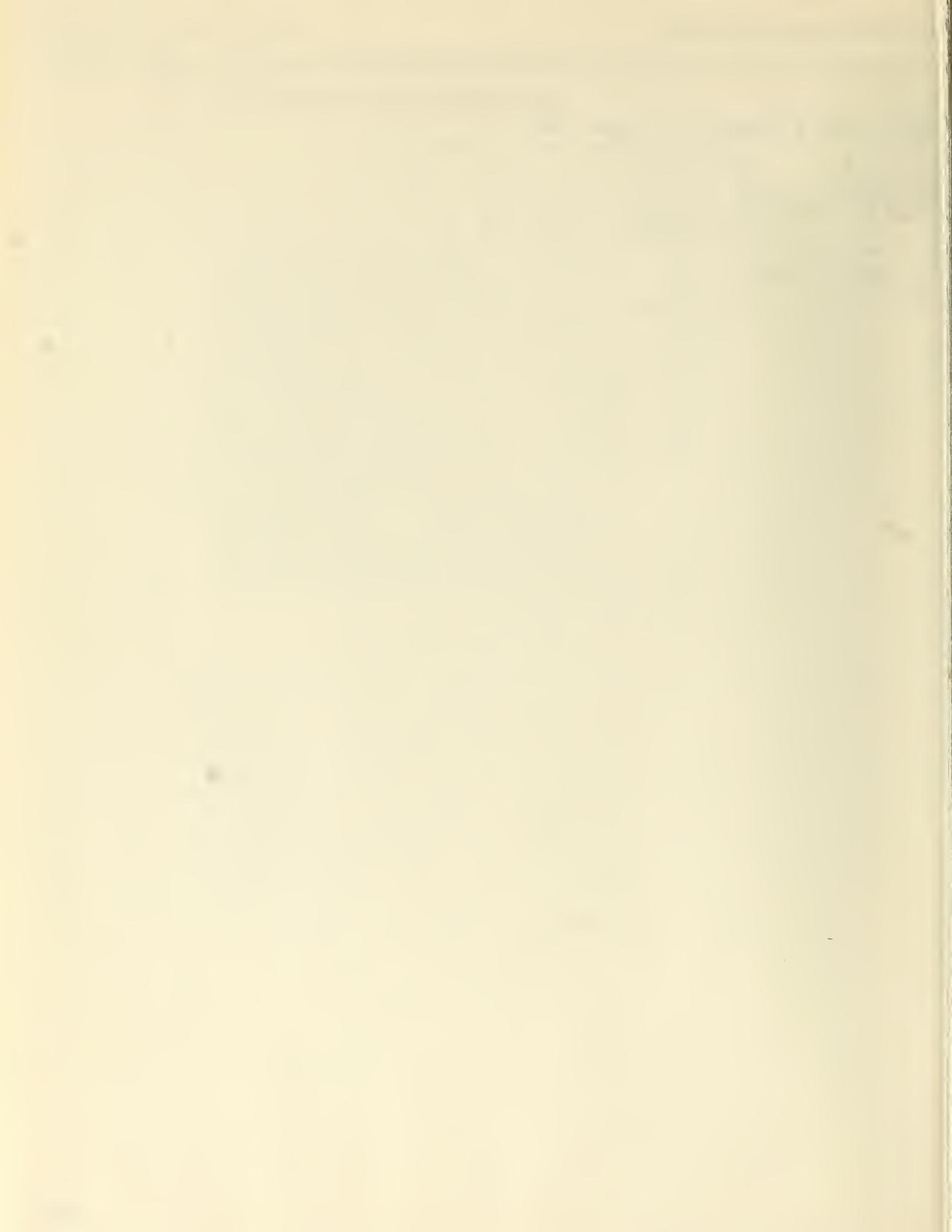
(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.1	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	0.9	0.5
Vacant price asked and vacant rent asked..	1.1	0.8	0.5
Tenure.....	1.1	0.9	0.5
Units in structure.....	1.1	1.0	0.5
Stories in structure.....	0.9	0.6	0.5
Passenger elevator.....	0.9	0.6	0.4
Persons in unit.....	1.1	0.9	0.5
Year structure built.....	1.1	0.9	0.5
Year householder moved into housing unit.....	1.1	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.1	0.9	0.5
Air conditioning.....	1.1	1.0	0.5
Vehicles available.....	1.1	0.9	0.5
Gross rent and contract rent.....	1.1	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.1	0.8	0.5
Mortgage status and selected monthly owner costs.....	1.1	0.9	0.5
Household income.....	1.1	0.9	0.5
Poverty status: Housing.....	1.1	0.9	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.1	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. Percent of Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA Places of 50,000 or More and Central Cities of SMSA's	Housing units	
	100-percent count	Percent in sample
The SMSA -----	71 785	20.0
PLACES OF 50,000 OR MORE AND CENTRAL CITIES OF SMSA's		
Wheeling city -----	18 338	15.8



## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark Never married.
7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- 10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.
11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

#### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A **one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

H15a. A *city or suburban lot* is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

H16. If a well provides water for six or more houses or apartments, mark A **public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

H17. A **public sewer** is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a *reverse cycle*

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

#### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

H26. Answer Yes only if the telephone is located in your living quarters.

H27. Count only equipment used to cool the air by means of a refrigeration unit.

H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

#### 11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

#### For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

#### 12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has *completed* the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

#### 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

#### b. Print the non-English language spoken *at home*. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

#### c. Fill the circle that best describes the person's *ability* to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

#### 14. Print the ancestry group with which the person *identifies*. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

#### 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

#### b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did *not* live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is *now* inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

#### 17a. Mark Yes only if this person was on *active* duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

#### b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

#### c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

#### 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes *only* if the person was ever called to active duty; mark No if the only service was active duty for training.

#### b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

#### 19. The term "health condition" refers to any physical or mental problem which has lasted for *6 or more* months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should *not* be considered a health condition.

#### 20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

**INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26**

21. If the exact date of marriage is not known, give your best estimate.

22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

**Count as work:**

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

**Do not count as work:**

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.

b. Mark **Worked at home** for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.

d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

b. Mark **No, already has a job** if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No, temporarily ill** if the person expects to be able to work within 30 days.

Mark **No, other reasons** if the person could not have taken a job because he or she was going to school, taking care of children, etc.

**INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29**

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

b. Print the most important things that the person does on the job. Some examples are shown on the census form.

**INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33**

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

31a. Look at the instructions for question 22a to see what to count as work.

b. Count every week in which the person did any work at all, even for an hour.

c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the **None** circle. If total income was a loss, write "Loss" above the amount.

Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

<small>If the address shown below has the wrong apartment identification, please write the correct apartment number or location here:</small>					
DO	A1	A2	A4	A5	A6
<b>L</b>					

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla  y devuelva el cuestionario  
por correo en el sobre que se le incluye.

U.S. Department of Commerce  
Bureau of the Census  
Form D-2

# 1980 Census of the United States

A message from the Director,  
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

Please continue

Form Approved  
OMB No 41-S78006

## How to fill out your Census Form

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

**Use** a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly

**Make** sure that answers are provided for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form

**Answer** the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

**Mail** back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope. no stamp is needed

**Please** start by answering Question 1 below

## Question 1

### List in Question 1

- Family members living here, including babies still in the hospital
- Relatives living here
- Lodgers or boarders living here
- Other persons living here
- College students who stay here while attending college, even if their parents live elsewhere
- Persons who usually live here but are temporarily away (including children in boarding school below the college level)
- Persons with a home elsewhere but who stay here most of the week while working

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

### Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box

Then please

- answer the questions on pages 2 through 5 only.
- and
- enter the address of your usual home on page 20.

Please continue →

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

→ ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

<p><b>Here are the QUESTIONS</b> ↓</p> <p><b>These are the columns for ANSWERS</b> →</p> <p>Please fill one column for each person listed in Question 1.</p> <p><b>2. How is this person related to the person in column 1?</b> Fill one circle. If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</p>	<p><b>PERSON in column 1</b></p> <table border="1"> <tr> <td>Last name</td> <td>Middle initial</td> </tr> </table> <p><b>PERSON in column 2</b></p> <table border="1"> <tr> <td>Last name</td> <td>Middle initial</td> </tr> </table> <p>If relative of person in column 1:  <input type="checkbox"/> Husband/wife   <input type="checkbox"/> Father/mother  <input type="checkbox"/> Son/daughter   <input type="checkbox"/> Other relative  <input type="checkbox"/> Brother/sister</p> <p>If not related to person in column 1:  <input type="checkbox"/> Roomer, boarder   <input type="checkbox"/> Other nonrelative  <input type="checkbox"/> Partner, roommate  <input type="checkbox"/> Paid employee</p>	Last name	Middle initial	Last name	Middle initial																																																																																																																																																																				
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Last name	Middle initial																																																																																																																																																																								
<p><b>3. Sex</b> Fill one circle.</p> <p><b>4. Is this person —</b> Fill one circle.</p>	<p><input type="radio"/> Male   <input checked="" type="checkbox"/> Female</p> <p>White   Asian Indian  Black or Negro   Hawaiian  Japanese   Guamanian  Chinese   Samoan  Filipino   Eskimo  Korean   Aleut  Vietnamese   Other — Specify  Indian (Amer.)  Print tribe →</p> <p><input type="radio"/> Male   <input type="checkbox"/> Female</p> <p>White   Asian Indian  Black or Negro   Hawaiian  Japanese   Guamanian  Chinese   Samoan  Filipino   Eskimo  Korean   Aleut  Vietnamese   Other — Specify  Indian (Amer.)  Print tribe →</p>																																																																																																																																																																								
<p><b>5. Age, and month and year of birth</b></p> <p>a. Print age at last birthday.  b. Print month and fill one circle.  c. Print year in the spaces, and fill one circle below each number.</p>	<p>a. Age at last birthday   <b>1</b></p> <table border="1"> <tr> <td>1</td> <td>0</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>2</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>3</td> <td>0</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>4</td> <td>0</td> <td>4</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>5</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>6</td> <td>0</td> <td>6</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>7</td> <td>0</td> <td>7</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>8</td> <td>0</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td>0</td> <td>9</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table> <p>b. Month of birth</p> <table border="1"> <tr> <td>Jan.—Mar.</td> <td>6</td> <td>0</td> <td>6</td> <td>0</td> <td>0</td> </tr> <tr> <td>Apr.—June</td> <td>7</td> <td>0</td> <td>7</td> <td>0</td> <td>0</td> </tr> <tr> <td>July—Sept.</td> <td>8</td> <td>0</td> <td>8</td> <td>0</td> <td>0</td> </tr> <tr> <td>Oct.—Dec.</td> <td>9</td> <td>0</td> <td>9</td> <td>0</td> <td>0</td> </tr> </table> <p>a. Age at last birthday   <b>1</b></p> <table border="1"> <tr> <td>1</td> <td>0</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>2</td> <td>0</td> <td>2</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>3</td> <td>0</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>4</td> <td>0</td> <td>4</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>5</td> <td>0</td> <td>5</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>6</td> <td>0</td> <td>6</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>7</td> <td>0</td> <td>7</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>8</td> <td>0</td> <td>8</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>9</td> <td>0</td> <td>9</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table> <p>b. Month of birth</p> <table border="1"> <tr> <td>Jan.—Mar.</td> <td>6</td> <td>0</td> <td>6</td> <td>0</td> <td>0</td> </tr> <tr> <td>Apr.—June</td> <td>7</td> <td>0</td> <td>7</td> <td>0</td> <td>0</td> </tr> <tr> <td>July—Sept.</td> <td>8</td> <td>0</td> <td>8</td> <td>0</td> <td>0</td> </tr> <tr> <td>Oct.—Dec.</td> <td>9</td> <td>0</td> <td>9</td> <td>0</td> <td>0</td> </tr> </table>	1	0	8	0	0	0	9	1	0	1	0	0	2	0	2	0	0	0	3	0	3	0	0	0	4	0	4	0	0	0	5	0	5	0	0	0	6	0	6	0	0	0	7	0	7	0	0	0	8	0	8	0	0	0	9	0	9	0	0	0	Jan.—Mar.	6	0	6	0	0	Apr.—June	7	0	7	0	0	July—Sept.	8	0	8	0	0	Oct.—Dec.	9	0	9	0	0	1	0	8	0	0	0	9	1	0	1	0	0	2	0	2	0	0	0	3	0	3	0	0	0	4	0	4	0	0	0	5	0	5	0	0	0	6	0	6	0	0	0	7	0	7	0	0	0	8	0	8	0	0	0	9	0	9	0	0	0	Jan.—Mar.	6	0	6	0	0	Apr.—June	7	0	7	0	0	July—Sept.	8	0	8	0	0	Oct.—Dec.	9	0	9	0	0
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<p><b>6. Marital status</b> Fill one circle.</p>	<p><input type="radio"/> Now married   <input type="radio"/> Separated  <input type="radio"/> Widowed   <input type="radio"/> Never married  <input type="radio"/> Divorced</p> <p><input type="radio"/> Now married   <input type="radio"/> Separated  <input type="radio"/> Widowed   <input type="radio"/> Never married  <input type="radio"/> Divorced</p>																																																																																																																																																																								
<p><b>7. Is this person of Spanish/Hispanic origin or descent?</b> Fill one circle.</p>	<p><input type="radio"/> No (not Spanish/Hispanic)  <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano  <input type="radio"/> Yes, Puerto Rican   <input checked="" type="checkbox"/>  <input type="radio"/> Yes, Cuban  <input type="radio"/> Yes, other Spanish/Hispanic</p> <p><input type="radio"/> No (not Spanish/Hispanic)  <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano  <input type="radio"/> Yes, Puerto Rican   <input checked="" type="checkbox"/>  <input type="radio"/> Yes, Cuban  <input type="radio"/> Yes, other Spanish/Hispanic</p>																																																																																																																																																																								
<p><b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</p>	<p><input type="radio"/> No, has not attended since February 1  <input type="radio"/> Yes, public school, public college  <input type="radio"/> Yes, private, church-related  <input type="radio"/> Yes, private, not church-related</p> <p><input type="radio"/> No, has not attended since February 1  <input type="radio"/> Yes, public school, public college  <input type="radio"/> Yes, private, church-related  <input type="radio"/> Yes, private, not church-related</p>																																																																																																																																																																								
<p><b>9. What is the highest grade (or year) of regular school this person has ever attended?</b> Fill one circle.</p> <p>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</p>	<p>Highest grade attended:  <input type="radio"/> Nursery school   <input type="radio"/> Kindergarten  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12  <input type="radio"/> <input type="radio"/>  College (academic year)   <input checked="" type="checkbox"/>  1 2 3 4 5 6 7 8 or more  <input type="radio"/> <input type="radio"/>  <input type="radio"/> Never attended school — Skip question 10</p> <p>Highest grade attended:  <input type="radio"/> Nursery school   <input type="radio"/> Kindergarten  Elementary through high school (grade or year)  1 2 3 4 5 6 7 8 9 10 11 12  <input type="radio"/> <input type="radio"/>  College (academic year)   <input checked="" type="checkbox"/>  1 2 3 4 5 6 7 8 or more  <input type="radio"/> <input type="radio"/>  <input type="radio"/> Never attended school — Skip question 10</p>																																																																																																																																																																								
<p><b>10. Did this person finish the highest grade (or year) attended?</b> Fill one circle.</p>	<p><input type="radio"/> Now attending this grade (or year)  <input type="radio"/> Finished this grade (or year)  <input type="radio"/> Did not finish this grade (or year)</p> <p><input type="radio"/> Now attending this grade (or year)  <input type="radio"/> Finished this grade (or year)  <input type="radio"/> Did not finish this grade (or year)</p>																																																																																																																																																																								
	<p><b>CENSUS USE ONLY</b>   A.   <input type="radio"/> I   <input type="radio"/> N   <input type="radio"/> O</p> <p><b>CENSUS USE ONLY</b>   A.   <input type="radio"/> I   <input type="radio"/> N   <input type="radio"/> O</p>																																																																																																																																																																								

**NOW PLEASE ANSWER QUESTIONS H1–H12  
FOR YOUR HOUSEHOLD**

<b>PERSON in column 7</b>											
Last name											
First name	Middle initial										
If relative of person in column 1:											
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother										
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative										
<input type="radio"/> Brother/sister											
If not related to person in column 1:											
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other										
<input type="radio"/> Partner, roommate	nonrelative										
<input type="radio"/> Paid employee											
<input type="radio"/> Male	<input checked="" type="checkbox"/> Female										
<input type="radio"/> White	<input type="radio"/> Asian Indian										
<input type="radio"/> Black or Negro	<input type="radio"/> Hawaiian										
<input type="radio"/> Japanese	<input type="radio"/> Guamanian										
<input type="radio"/> Chinese	<input type="radio"/> Samoan										
<input type="radio"/> Filipino	<input type="radio"/> Eskimo										
<input type="radio"/> Korean	<input type="radio"/> Aleut										
<input type="radio"/> Vietnamese	<input type="radio"/> Other — <i>Specify</i>										
<input type="radio"/> Indian (Amer.)											
<i>Print tribe</i> →											
<b>a. Age at last birthday</b>	<b>c. Year of birth</b>										
<input type="radio"/> 1	<input type="radio"/> 1										
<input type="radio"/> 2	<input type="radio"/> 2										
<input type="radio"/> 3	<input type="radio"/> 3										
<input type="radio"/> 4	<input type="radio"/> 4										
<input type="radio"/> 5	<input type="radio"/> 5										
<input type="radio"/> 6	<input type="radio"/> 6										
<input type="radio"/> 7	<input type="radio"/> 7										
<input type="radio"/> 8	<input type="radio"/> 8										
<input type="radio"/> 9	<input type="radio"/> 9										
<b>b. Month of birth</b>											
<input type="radio"/> Jan.—Mar.	<input type="radio"/> 1										
<input type="radio"/> Apr.—June	<input type="radio"/> 2										
<input type="radio"/> July—Sept.	<input type="radio"/> 3										
<input type="radio"/> Oct.—Dec.	<input type="radio"/> 4										
<input type="radio"/> Now married	<input type="radio"/> Separated										
<input type="radio"/> Widowed	<input type="radio"/> Never married										
<input type="radio"/> Divorced											
<input type="radio"/> No (not Spanish/Hispanic)											
<input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano											
<input type="radio"/> Yes, Puerto Rican	<input checked="" type="checkbox"/>										
<input type="radio"/> Yes, Cuban											
<input type="radio"/> Yes, other Spanish/Hispanic											
<input type="radio"/> No, has not attended since February 1											
<input type="radio"/> Yes, public school, public college											
<input type="radio"/> Yes, private, church-related											
<input type="radio"/> Yes, private, not church-related											
<b>Highest grade attended:</b>											
<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten										
<b>Elementary through high school (grade or year)</b>											
1	2	3	4	5	6	7	8	9	10	11	12
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>College (academic year)</b>											
1	2	3	4	5	6	7	8	more			
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>				
<b>College (academic year)</b>											
<input type="radio"/> Never attended school-Skip question 10											
<input type="radio"/> Now attending this grade (or year)											
<input type="radio"/> Finished this grade (or year)											
<input type="radio"/> Did not finish this grade (or year)											
<b>CENSUS USE ONLY</b>	<b>A.</b>	<input type="radio"/> I	<input type="radio"/> N	<input type="radio"/> O							

<b>H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?</b>		<b>H9. Is this apartment (house) part of a condominium?</b>	
<input type="radio"/> Yes — On page 20 give name(s) and reason left out. <input type="radio"/> No		<input type="radio"/> No <input type="radio"/> Yes, a condominium	
<b>H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?</b>		<b>H10. If this is a one-family house —</b>	
<input type="radio"/> Yes — On page 20 give name(s) and reason person is away. <input type="radio"/> No		a. Is the house on a property of 10 or more acres? <input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No	
<b>H3. Is anyone visiting here who is not already listed?</b>		b. Is any part of the property used as a commercial establishment or medical office? <input type="radio"/> Yes <input type="radio"/> No	
<input type="radio"/> Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker. <input type="radio"/> No		<b>H11. If you live in a one-family house or a condominium unit which you own or are buying —</b>	
<b>H4. How many living quarters, occupied and vacant, are at this address?</b>		What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?  <i>Do not answer this question if this is —</i> <input checked="" type="checkbox"/> A mobile home or trailer <input type="checkbox"/> A house on 10 or more acres <input type="checkbox"/> A house with a commercial establishment or medical office on the property	
<input type="radio"/> One <input checked="" type="checkbox"/> <input type="radio"/> 2 apartments or living quarters <input type="radio"/> 3 apartments or living quarters <input type="radio"/> 4 apartments or living quarters <input type="radio"/> 5 apartments or living quarters <input type="radio"/> 6 apartments or living quarters <input type="radio"/> 7 apartments or living quarters <input type="radio"/> 8 apartments or living quarters <input type="radio"/> 9 apartments or living quarters <input type="radio"/> 10 or more apartments or living quarters  <input type="radio"/> This is a mobile home or trailer		<input type="radio"/> Less than \$10,000 <input type="radio"/> \$50,000 to \$54,999 <input type="radio"/> \$10,000 to \$14,999 <input type="radio"/> \$55,000 to \$59,999 <input type="radio"/> \$15,000 to \$17,499 <input type="radio"/> \$60,000 to \$64,999 <input type="radio"/> \$17,500 to \$19,999 <input type="radio"/> \$65,000 to \$69,999 <input type="radio"/> \$20,000 to \$22,499 <input type="radio"/> \$70,000 to \$74,999 <input type="radio"/> \$22,500 to \$24,999 <input checked="" type="checkbox"/> \$75,000 to \$79,999  <input type="radio"/> \$25,000 to \$27,499 <input type="radio"/> \$80,000 to \$89,999 <input type="radio"/> \$27,500 to \$29,999 <input type="radio"/> \$90,000 to \$99,999 <input type="radio"/> \$30,000 to \$34,999 <input type="radio"/> \$100,000 to \$124,999 <input type="radio"/> \$35,000 to \$39,999 <input type="radio"/> \$125,000 to \$149,999 <input type="radio"/> \$40,000 to \$44,999 <input type="radio"/> \$150,000 to \$199,999 <input type="radio"/> \$45,000 to \$49,999 <input type="radio"/> \$200,000 or more	
<b>H5. Do you enter your living quarters —</b>		<b>H12. If you pay rent for your living quarters —</b>	
<input type="radio"/> Directly from the outside or through a common or public hall? <input type="radio"/> Through someone else's living quarters?		What is the monthly rent? <i>If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.</i>	
<b>H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?</b>		<input type="radio"/> Less than \$50 <input type="radio"/> \$160 to \$169 <input type="radio"/> \$50 to \$59 <input type="radio"/> \$170 to \$179 <input type="radio"/> \$60 to \$69 <input type="radio"/> \$180 to \$189 <input type="radio"/> \$70 to \$79 <input type="radio"/> \$190 to \$199 <input type="radio"/> \$80 to \$89 <input type="radio"/> \$200 to \$224 <input type="radio"/> \$90 to \$99 <input checked="" type="checkbox"/> \$225 to \$249  <input type="radio"/> \$100 to \$109 <input type="radio"/> \$250 to \$274 <input type="radio"/> \$110 to \$119 <input type="radio"/> \$275 to \$299 <input type="radio"/> \$120 to \$129 <input type="radio"/> \$300 to \$349 <input type="radio"/> \$130 to \$139 <input type="radio"/> \$350 to \$399 <input type="radio"/> \$140 to \$149 <input type="radio"/> \$400 to \$499 <input type="radio"/> \$150 to \$159 <input type="radio"/> \$500 or more	
<b>H7. How many rooms do you have in your living quarters?</b>		<b>H8. Are your living quarters —</b>	
<i>Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.</i>		<input type="radio"/> Owned or being bought by you or by someone else in this household? <input type="radio"/> Rented for cash rent? <input type="radio"/> Occupied without payment of cash rent?	
<input type="radio"/> 1 room <input checked="" type="checkbox"/> <input type="radio"/> 4 rooms <input type="radio"/> 7 rooms <input type="radio"/> 2 rooms <input type="radio"/> 5 rooms <input type="radio"/> 8 rooms <input type="radio"/> 3 rooms <input type="radio"/> 6 rooms <input type="radio"/> 9 or more rooms			

FOR CENSUS USE ONLY											
A4. Block number		A6. Serial number		B. Type of unit or quarters		C. Is this unit for —		D. Months vacant		E. Total persons	
				<u>Occupied</u>		<u>C1. Is this unit for —</u>					
				<input type="radio"/> First form	<input type="radio"/> Continuation	<input type="radio"/> Year round use	<input type="radio"/> Less than 1 month				
				<input type="radio"/> Continuation	<input type="radio"/> Regular	<input type="radio"/> Seasonal/Mig. — <i>Skip C2, C3, and D.</i>	<input type="radio"/> 1 up to 2 months				
				<input type="radio"/> Vacant	<input type="radio"/> Usual home elsewhere	<input type="radio"/> 2 up to 6 months	<input type="radio"/> 2 up to 12 months				
				<input type="radio"/> Usual home elsewhere	<input type="radio"/> For rent	<input type="radio"/> 6 up to 12 months	<input type="radio"/> 1 year up to 2 years				
				<input type="radio"/> Group quarters	<input type="radio"/> For sale only	<input type="radio"/> 2 or more years	<input type="radio"/> 2 or more years				
				<input type="radio"/> Continuation	<input type="radio"/> Rented or sold, not occupied	<input type="radio"/> Other vacant	<input type="radio"/> Other vacant				
				<input type="radio"/> First form	<input type="radio"/> Held for occasional use	<input type="radio"/> Mail return	<input type="radio"/> Mail return				
				<input type="radio"/> Continuation	<input type="radio"/> Other vacant	<input type="radio"/> Pop./F	<input type="radio"/> Pop./F				
				<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No				
				<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No				

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

ALSO ANSWER THESE QUESTIONS

<p><b>H13. Which best describes this building?</b>  <i>Include all apartments, flats, etc., even if vacant.</i></p> <p><input type="radio"/> A mobile home or trailer  <input type="radio"/> A one-family house detached from any other house  <input type="radio"/> A one-family house attached to one or more houses  <input type="radio"/> A building for 2 families  <input type="radio"/> A building for 3 or 4 families  <input type="radio"/> A building for 5 to 9 families  <input type="radio"/> A building for 10 to 19 families  <input type="radio"/> A building for 20 to 49 families  <input type="radio"/> A building for 50 or more families  <input type="radio"/> A boat, tent, van, etc. <input checked="" type="checkbox"/></p>	<p><b>H21a. Which fuel is used most for house heating?</b></p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood  <input type="radio"/> Gas: bottled, tank, or LP  <input type="radio"/> Electricity  <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p> <p><b>H22a.</b></p> <table border="1"> <tbody> <tr><td>○</td><td>○</td><td>○</td></tr> <tr><td>I</td><td>I</td><td>I</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </tbody> </table>	○	○	○	I	I	I	2	2	2	3	3	3	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9
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<p><b>H14a. How many stories (floors) are in this building?</b>  <i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i></p> <p><input type="radio"/> 1 to 3 — <i>Skip to H15</i> <input type="radio"/> 7 to 12  <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories</p>	<p><b>b. Which fuel is used most for water heating?</b></p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood  <input type="radio"/> Gas: bottled, tank, or LP  <input type="radio"/> Electricity  <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p>																														
<p><b>b. Is there a passenger elevator in this building?</b></p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p><b>c. Which fuel is used most for cooking?</b></p> <p><input type="radio"/> Gas: from underground pipes serving the neighborhood  <input type="radio"/> Gas: bottled, tank, or LP  <input type="radio"/> Electricity  <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/></p> <p><input type="radio"/> Coal or coke  <input type="radio"/> Wood  <input type="radio"/> Other fuel  <input type="radio"/> No fuel used</p>																														
<p><b>H15a. Is this building —</b></p> <p><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i>  <input type="radio"/> On a place of 1 to 9 acres?  <input type="radio"/> On a place of 10 or more acres?</p> <p><b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b></p> <p><input type="radio"/> Less than \$50 (or None) <input type="radio"/> \$250 to \$599 <input type="radio"/> \$1,000 to \$2,499  <input type="radio"/> \$50 to \$249 <input checked="" type="checkbox"/> \$600 to \$999 <input type="radio"/> \$2,500 or more</p>	<p><b>H22. What are the costs of utilities and fuels for your living quarters?</b></p> <p><b>a. Electricity</b></p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge  <i>Average monthly cost</i></p> <p><b>b. Gas</b></p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge  <i>Average monthly cost</i> <input type="radio"/> Gas not used</p> <p><b>c. Water</b></p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge  <i>Yearly cost</i></p> <p><b>d. Oil, coal, kerosene, wood, etc.</b></p> <p>\$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge  <i>Yearly cost</i> <input type="radio"/> These fuels not used</p>																														
<p><b>H16. Do you get water from —</b></p> <p><input type="radio"/> A public system (city water department, etc.) or private company?  <input type="radio"/> An individual drilled well?  <input type="radio"/> An individual dug well?  <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</p>	<p><b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b></p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No</p>																														
<p><b>H17. Is this building connected to a public sewer?</b></p> <p><input type="radio"/> Yes, connected to public sewer  <input type="radio"/> No, connected to septic tank or cesspool  <input type="radio"/> No, use other means</p>	<p><b>H24. How many bedrooms do you have?</b>  <i>Count rooms used mainly for sleeping even if used also for other purposes.</i></p> <p><input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms  <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms</p>																														
<p><b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b></p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949  <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier  <input type="radio"/> 1970 to 1974 <input checked="" type="checkbox"/></p>	<p><b>H25. How many bathrooms do you have?</b>  <i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i>  <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i></p> <p><input type="radio"/> No bathroom, or only a half bathroom  <input type="radio"/> 1 complete bathroom  <input type="radio"/> 1 complete bathroom, plus half bath(s)  <input type="radio"/> 2 or more complete bathrooms</p>																														
<p><b>H19. When did the person listed in column 1 move into this house (or apartment)?</b></p> <p><input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959  <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier  <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here  <input type="radio"/> 1960 to 1969</p>	<p><b>H26. Do you have a telephone in your living quarters?</b></p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No <input checked="" type="checkbox"/></p>																														
<p><b>H20. How are your living quarters heated?</b>  <i>Fill one circle for the kind of heat used most.</i></p> <p><input type="radio"/> Steam or hot water system  <input type="radio"/> Central warm-air furnace with ducts to the individual rooms  <i>(Do not count electric heat pumps here)</i>  <input type="radio"/> Electric heat pump  <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)  <input checked="" type="checkbox"/>  <input type="radio"/> Floor, wall, or pipeless furnace  <input type="radio"/> Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene  <input type="radio"/> Room heaters <u>without</u> flue or vent, burning gas, oil, or kerosene (not portable)  <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind  <input type="radio"/> No heating equipment</p>	<p><b>H27. Do you have air conditioning?</b></p> <p><input type="radio"/> Yes, a central air-conditioning system  <input type="radio"/> Yes, 1 individual room unit  <input type="radio"/> Yes, 2 or more individual room units  <input type="radio"/> No</p> <p><b>H28. How many automobiles are kept at home for use by members of your household?</b></p> <p><input type="radio"/> None <input checked="" type="checkbox"/> <input type="radio"/> 2 automobiles  <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles</p> <p><b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b></p> <p><input type="radio"/> None <input type="radio"/> 2 vans or trucks  <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks</p>																														

# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 5

## FOR YOUR HOUSEHOLD

Please answer H30—H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer .....
- A house on 10 or more acres .....
- A condominium unit .....
- A house with a commercial establishment or medical office on the property .....

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ .00 OR  None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ .00 OR  None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- Yes
- No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ .00 OR  No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

Please turn to page 6

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## FOR CENSUS USE ONLY

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## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

ANSWER THESE QUESTIONS FOR

<p><b>Name of Person 1 on page 2:</b></p> <p>Last name      First name      Middle initial</p> <p><b>11. In what State or foreign country was this person born?</b> Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</p> <p>Name of State or foreign country; or Puerto Rico, Guam, etc.</p> <p><b>12. If this person was born in a foreign country —</b> a. Is this person a naturalized citizen of the United States?  <input type="radio"/> Yes, a naturalized citizen  <input type="radio"/> No, not a citizen  <input type="radio"/> Born abroad of American parents</p> <p>b. When did this person come to the United States to stay?  <input type="radio"/> 1975 to 1980    <input type="radio"/> 1965 to 1969    <input type="radio"/> 1950 to 1959  <input type="radio"/> 1970 to 1974    <input type="radio"/> 1960 to 1964    <input type="radio"/> Before 1950</p> <p><b>13a. Does this person speak a language other than English at home?</b>  <input type="radio"/> Yes    <input type="radio"/> No, only speaks English — <i>Skip to 14</i></p> <p><b>b. What is this language?</b> (For example — Chinese, Italian, Spanish, etc.)</p> <p><b>c. How well does this person speak English?</b>  <input type="radio"/> Very well    <input type="radio"/> Not well  <input type="radio"/> Well    <input type="radio"/> Not at all</p> <p><b>14. What is this person's ancestry? If uncertain about how to report ancestry, see instruction guide.</b> (For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</p> <p><b>15a. Did this person live in this house five years ago (April 1, 1975)?</b> If in college or Armed Forces in April 1975, report place of residence there.  <input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i>  <input type="radio"/> Yes, this house — <i>Skip to 16</i>  <input type="radio"/> No, different house</p> <p><b>b. Where did this person live five years ago (April 1, 1975)?</b></p> <p>(1) State, foreign country, Puerto Rico, Guam, etc.: _____</p> <p>(2) County: _____</p> <p>(3) City, town, village, etc.: _____</p> <p>(4) Inside the incorporated (legal) limits of that city, town, village, etc.?  <input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area</p>			<p><b>16. When was this person born?</b></p> <p><input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i>  <input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i></p> <p><b>17. In April 1975 (five years ago) was this person —</b></p> <p>a. On active duty in the Armed Forces?  <input type="radio"/> Yes    <input type="radio"/> No</p> <p>b. Attending college?  <input type="radio"/> Yes    <input type="radio"/> No</p> <p>c. Working at a job or business?  <input type="radio"/> Yes, full time    <input type="radio"/> No  <input type="radio"/> Yes, part time</p> <p><b>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?</b> If service was in National Guard or Reserves only, see instruction guide.  <input type="radio"/> Yes    <input type="radio"/> No — <i>Skip to 19</i></p> <p><b>b. Was active-duty military service during —</b> Fill a circle for each period in which this person served.  <input type="radio"/> May 1975 or later  <input type="radio"/> Vietnam era (August 1964—April 1975)  <input type="radio"/> February 1955—July 1964  <input type="radio"/> Korean conflict (June 1950—January 1955)  <input type="radio"/> World War II (September 1940—July 1947)  <input type="radio"/> World War I (April 1917—November 1918)  <input type="radio"/> Any other time</p> <p><b>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which ...</b></p> <p>a. <b>Limits</b> the kind or amount of work this person can do at a job? ..... <input type="radio"/> Yes    <input type="radio"/> No  b. <b>Prevents</b> this person from working at a job? ..... <input type="radio"/> Yes    <input type="radio"/> No  c. <b>Limits or prevents</b> this person from using public transportation? ..... <input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>20. If this person is a female —</b> None 1 2 3 4 5 6 How many babies has she ever had, not counting stillbirths? <input type="radio"/> 0    <input type="radio"/> 1    <input type="radio"/> 2    <input type="radio"/> 3    <input type="radio"/> 4    <input type="radio"/> 5    <input type="radio"/> 6 Do not count her stepchildren or children she has adopted. 7 8 9 10 11 12 or more <input type="radio"/> 0    <input type="radio"/> 1    <input type="radio"/> 2    <input type="radio"/> 3    <input type="radio"/> 4    <input type="radio"/> 5    <input type="radio"/> 6</p> <p><b>21. If this person has ever been married —</b></p> <p>a. Has this person been married more than once?  <input type="radio"/> Once    <input type="radio"/> More than once</p> <p>b. Month and year of marriage?      Month and year of first marriage? (Month)      (Year)      (Month)      (Year)</p> <p>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?  <input type="radio"/> Yes    <input type="radio"/> No</p>	<p><b>22a. Did this person work at any time last week?</b></p> <p><input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i>  <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i></p> <p><b>Skip to 25</b></p> <p><b>b. How many hours did this person work last week (at all jobs)?</b> Subtract any time off; add overtime or extra hours worked. Hours _____</p> <p><b>23. At what location did this person work last week?</b> If this person worked at more than one location, print where he or she worked most last week. If one location cannot be specified, see instruction guide.</p> <p><b>a. Address (Number and street)</b>  <i>If street address is not known, enter the building name, shopping center, or other physical location description.</i></p> <p><b>b. Name of city, town, village, borough, etc.</b></p> <p><b>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</b>  <input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area</p> <p><b>d. County</b></p> <p><b>e. State</b> _____ <b>f. ZIP Code</b> _____</p> <p><b>24a. Last week, how long did it usually take this person to get from home to work (one way)?</b> Minutes _____</p> <p><b>24b. How did this person usually get to work last week?</b> If this person used more than one method, give the one usually used for most of the distance.</p> <p><input type="radio"/> Car    <input type="radio"/> Taxicab  <input type="radio"/> Truck    <input type="radio"/> Motorcycle  <input type="radio"/> Van    <input type="radio"/> Bicycle  <input type="radio"/> Bus or streetcar    <input type="radio"/> Walked only  <input type="radio"/> Railroad    <input type="radio"/> Worked at home  <input type="radio"/> Subway or elevated    <input type="radio"/> Other — <i>Specify</i> _____</p> <p><i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p>																																																																														
<p><b>FOR CENSUS USE ONLY</b></p> <table border="1"> <thead> <tr> <th>Per. No.</th> <th>11. <input type="checkbox"/></th> <th>13b.</th> <th>14. <input type="checkbox"/></th> <th>15b.</th> <th>23. <input type="checkbox"/></th> <th>VL</th> <th>24a.</th> </tr> </thead> <tbody> <tr><td>1</td><td>○ ○ ○</td><td>○ ○ ○</td><td>○ ○ ○</td><td>○ ○ ○</td><td>○ ○ ○</td><td>○ ○ ○</td><td>○ ○ ○</td></tr> <tr><td>2</td><td>2 2 2</td><td>2 2 2</td><td>2 2 2</td><td>2 2 2</td><td>2 2 2</td><td>2 2 2</td><td>2 2 2</td></tr> <tr><td>3</td><td>3 3 3</td><td>3 3 3</td><td>3 3 3</td><td>3 3 3</td><td>3 3 3</td><td>3 3 3</td><td>3 3 3</td></tr> <tr><td>4</td><td>4 4 4</td><td>4 4 4</td><td>4 4 4</td><td>4 4 4</td><td>4 4 4</td><td>4 4 4</td><td>4 4 4</td></tr> <tr><td>5</td><td>5 5 5</td><td>5 5 5</td><td>5 5 5</td><td>5 5 5</td><td>5 5 5</td><td>5 5 5</td><td>5 5 5</td></tr> <tr><td>6</td><td>6 6 6</td><td>6 6 6</td><td>6 6 6</td><td>6 6 6</td><td>6 6 6</td><td>6 6 6</td><td>6 6 6</td></tr> <tr><td>7</td><td>7 7 7</td><td>7 7 7</td><td>7 7 7</td><td>7 7 7</td><td>7 7 7</td><td>7 7 7</td><td>7 7 7</td></tr> <tr><td>8</td><td>8 8 8</td><td>8 8 8</td><td>8 8 8</td><td>8 8 8</td><td>8 8 8</td><td>8 8 8</td><td>8 8 8</td></tr> <tr><td>9</td><td>9 9 9</td><td>9 9 9</td><td>9 9 9</td><td>9 9 9</td><td>9 9 9</td><td>9 9 9</td><td>9 9 9</td></tr> </tbody> </table>			Per. No.	11. <input type="checkbox"/>	13b.	14. <input type="checkbox"/>	15b.	23. <input type="checkbox"/>	VL	24a.	1	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○	2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	2 2 2	3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	3 3 3	4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	4 4 4	5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	5 5 5	6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	6 6 6	7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	7 7 7	8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	8 8 8	9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9	9 9 9
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# Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

PERSON 1 ON PAGE 2

Page 7

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — <b>Skip to 28</b>      <input type="radio"/> Drive others only  <input type="radio"/> Share driving      <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2      <input checked="" type="radio"/> 4      <input type="radio"/> 6  <input type="radio"/> 3      <input checked="" type="radio"/> 5      <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>		<b>CENSUS USE</b> <b>21b.</b> I 0 0 0 1 1 0 2 2 II 3 3 0 4 4 III 5 5 0 6 6 0 7 7 IV 8 8 0 9 9	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes      <input checked="" type="checkbox"/>      <input type="radio"/> No — <b>Skip to 31d</b></p>		
<p>b. How many weeks did this person work in 1979?  <i>Count paid vacation, paid sick leave, and military service.</i></p> <p style="text-align: center;">Weeks</p>					
<p>25. Was this person <u>temporarily</u> absent or on layoff from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff  <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc.  <input type="radio"/> No</p>		<b>22b.</b> 0 0 1 1 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9	<p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p style="text-align: center;">Hours</p>		
<p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p style="text-align: center;">Weeks</p>					
<p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input checked="" type="checkbox"/> Yes      <input type="radio"/> No — <b>Skip to 27</b></p>		<b>28</b> A B C 0 0 0 D E F 0 0 0 G H J 0 0 0 K L M 0 0 0	<p>32a. <input checked="" type="checkbox"/></p>		
<p>32b. <input type="radio"/> 0 0 0      <input type="radio"/> 1 1 1      <input type="radio"/> 2 2 2      <input type="radio"/> 3 3 3      <input type="radio"/> 4 4 4      <input type="radio"/> 5 5 5      <input type="radio"/> 6 6 6      <input type="radio"/> 7 7 7      <input type="radio"/> 8 8 8      <input type="radio"/> 9 9 9</p>					
<p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980      <input type="radio"/> 1978      1970 to 1974  <input type="radio"/> 1979      <input type="radio"/> 1975 to 1977      1969 or earlier      <b>Skip to 31d</b>  <input type="radio"/>                Never worked</p>		<b>32c.</b> 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9 A 0      0 A 0	<p>32d. <input type="radio"/> 0 0 0      <input type="radio"/> 1 1 1      <input type="radio"/> 2 2 2      <input type="radio"/> 3 3 3      <input type="radio"/> 4 4 4      <input type="radio"/> 5 5 5      <input type="radio"/> 6 6 6      <input type="radio"/> 7 7 7      <input type="radio"/> 8 8 8      <input type="radio"/> 9 9 9</p>		
<p>32e. <input type="radio"/> 0 0 0      <input type="radio"/> 1 1 1      <input type="radio"/> 2 2 2      <input type="radio"/> 3 3 3      <input type="radio"/> 4 4 4      <input type="radio"/> 5 5 5      <input type="radio"/> 6 6 6      <input type="radio"/> 7 7 7      <input type="radio"/> 8 8 8      <input type="radio"/> 9 9 9</p>					
<p>28–30. Current or most recent job activity</p> <p>Describe clearly this person's chief job activity or business <u>last week</u>. If this person had more than one job, describe the one at which this person worked the most hours. If this person had no job or business last week, give information for last job or business since 1975.</p>		<b>32f.</b> 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9 A 0      0 A 0	<p>32f. <input type="radio"/> 0 0 0      <input type="radio"/> 1 1 1      <input type="radio"/> 2 2 2      <input type="radio"/> 3 3 3      <input type="radio"/> 4 4 4      <input type="radio"/> 5 5 5      <input type="radio"/> 6 6 6      <input type="radio"/> 7 7 7      <input type="radio"/> 8 8 8      <input type="radio"/> 9 9 9</p>		
<p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p>(Name of company, business, organization, or other employer)</p> <p>b. What kind of business or industry was this? Describe the activity at location where employed.</p> <p>(For example: Hospital, newspaper publishing, mail order house, <input checked="" type="checkbox"/> auto engine manufacturing, breakfast cereal manufacturing)</p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing      <input checked="" type="checkbox"/>      Retail trade            Wholesale trade      Other — (agriculture, construction, service, government, etc.)</p>					
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</p> <p>b. What were this person's most important activities or duties?</p> <p>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</p>		<b>32g.</b> 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9 A 0	<p>33. <input type="radio"/> 0 0 0      <input type="radio"/> 1 1 1      <input type="radio"/> 2 2 2      <input type="radio"/> 3 3 3      <input type="radio"/> 4 4 4      <input type="radio"/> 5 5 5      <input type="radio"/> 6 6 6      <input type="radio"/> 7 7 7      <input type="radio"/> 8 8 8      <input type="radio"/> 9 9 9</p>		
<p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions      <input checked="" type="checkbox"/>            Federal government employee      <input type="radio"/>            State government employee      <input type="radio"/>            Local government employee (city, county, etc.)      <input type="radio"/>            Self-employed in own business, professional practice, or farm —            Own business not incorporated      <input type="radio"/>            Own business incorporated      <input type="radio"/>            Working without pay in family business or farm      <input type="radio"/></p>					
<p>31a. <input type="radio"/> Yes      <input checked="" type="checkbox"/>      <input type="radio"/> No — <b>Skip to 31d</b></p>		<b>32h.</b> 0 0 0 1 1 1 2 2 2 3 3 3 4 4 4 5 5 5 6 6 6 7 7 7 8 8 8 9 9 9 A 0	<p>33. What was this person's total income in 1979?</p> <p>Add entries in questions 32a through g; subtract any losses.      \$ <input type="radio"/> 00            If total amount was a loss, write "Loss" above amount.      (Annual amount — Dollars)</p>		
<p>33. OR      <input type="radio"/> None</p>					

→ Please turn to the next page and answer the questions for Person 2 on page 2

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

**PHC80-2, Census Tracts**—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

**PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas**—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

**PHC80-4, Congressional Districts of the 98th Congress**—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

**PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics**—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special sub-sample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

**PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics**—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

### Population Census Reports

**PC80-1, Volume 1, Characteristics of the Population**—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

**PC80-1-A, Chapter A, Number of Inhabitants**—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

**PC80-1-B, Chapter B, General Population Characteristics**—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-C, Chapter C, General Social and Economic Characteristics**—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veterar. status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

**PC80-1-D, Chapter D, Detailed Population Characteristics**—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

**PC80-2, Volume 2, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

**PC80-S1, Supplementary Reports**—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

### Housing Census Reports

**HC80-1, Volume 1, Characteristics of Housing Units**—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

**HC80-1-A, Chapter A, General Housing Characteristics**—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

**HC80-1-B, Chapter B, Detailed Housing Characteristics**—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

**HC80-2, Volume 2, Metropolitan Housing Characteristics**—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

**HC80-3, Volume 3, Subject Reports**—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

**HC80-4, Volume 4, Components of Inventory Change**—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

**HC80-5, Volume 5, Residential Finance**—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

**HC80-S1-1, Supplementary Reports**—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

### Evaluation and Reference Reports

**PHC80-E, Evaluation and Research Reports**—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

**PHC80-R, Reference Reports**—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

**PHC80-R1, Users' Guide**—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

**PHC80-R2, History**—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

**PHC80-R3, Alphabetical Index of Industries and Occupations**—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

**PHC80-R4, Classified Index of Industries and Occupations**—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

**PHC80-R5, Geographic Identification Code Scheme**—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

## COMPUTER TAPES

### Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

**STF 1**—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

**STF 2**—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

**STF 3**—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

## Appendix F.—Publication and Computer Tape Program

**STF 4**—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

**STF 5**—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

### Other Computer Tape Files

**P.L. 94-171, Population Counts**—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

### Master Area Reference Files 1 and 2 (MARF)

**MARF 1**—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

**MARF 2**—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

**Geographic Base File/Dual Independent Map Encoding (GBF/DIME)**—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

**Public-Use Microdata Samples**—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

**Census/EEO Special File**—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

### MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

### MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

**STF 1 Microfiche**—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

**STF 3 Microfiche**—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

**P.L. 94-171 Counts Microfiche**—The data from the P.L. 94-171 computer file are presented in a listing format.

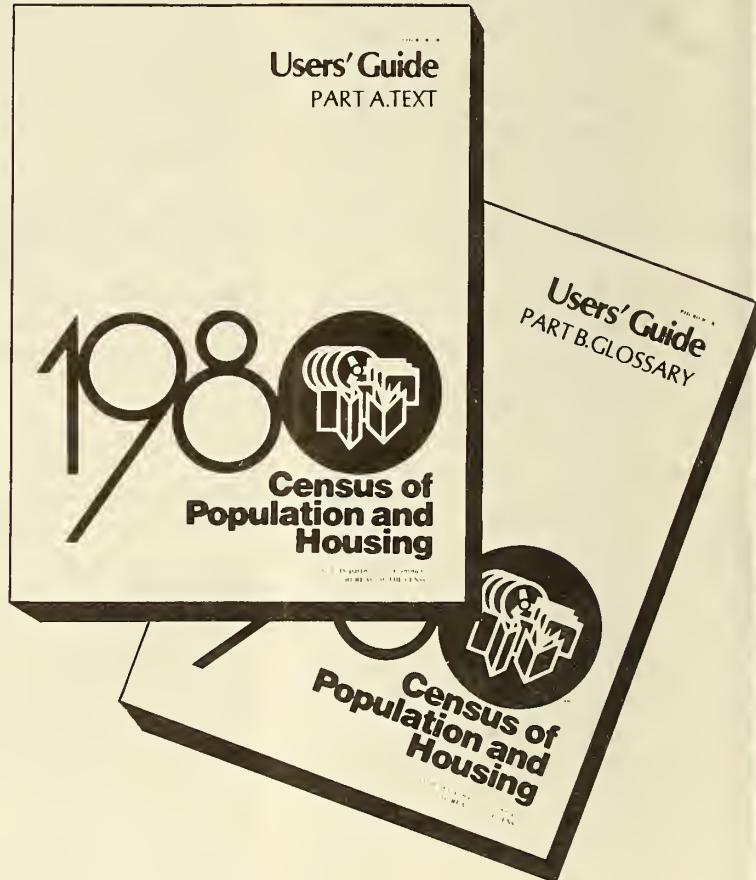
# 1980 Census of Population and Housing

## Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- Updates—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Specify the stock number (S/N) given below and make checks payable to Superintendent of Documents.

Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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